

## DOCUMENT RESUME

ED 165 432

EC 113 496

**TITLE** Above and Beyond: A Teacher Selected Bibliography of Instructional Materials for Use with Gifted and Talented Students.

**INSTITUTION** Montgomery County Public Schools, Rockville, Md.

**PUB DATE** 78

**NOTE** 247p.; Document may not reproduce well in hard copy due to the color of paper in original

**EDRS PRICE** MF-\$0.83 HC-\$12.71 Plus Postage.

**DESCRIPTORS** Aesthetic Education; Annotated Bibliographies; Cultural Differences; Elementary Secondary Education; \*Gifted; \*Instructional Materials; Language Arts; \*Mathematics Materials; \*Reading Materials; \*Science Materials; Social Studies; \*Talented Students; Textbooks

**ABSTRACT**

The bibliography includes references to approximately 1500 instructional materials for use with gifted and talented students. Entries usually include author's name, title, availability information and a brief annotation for the following areas (sample subtopics in parentheses): aesthetic education (recommended art and music textbooks); English language arts and reading (fantasy and autobiographies); mathematics; science; social studies (the Amish and contemporary issues); and general information (business, health, and industrial education). Also included are annotated bibliographies of professional materials and of information dealing with culturally different gifted and talented students. (CI)

ED165432

U.S. DEPARTMENT OF HEALTH,  
EDUCATION & WELFARE  
NATIONAL INSTITUTE OF  
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

ABOVE AND BEYOND:

A Teacher Selected Bibliography  
of Instructional Materials  
for Use With Gifted and Talented Students.

Montgomery County Public School System

Fall, 1978

PERMISSION TO REPRODUCE THIS  
MATERIAL HAS BEEN GRANTED BY

Donald L. Hymes.

TO THE EDUCATIONAL RESOURCES  
INFORMATION CENTER (ERIC) AND  
USERS OF THE ERIC SYSTEM

# Table of Contents

Introduction . . . . .	v
Aesthetic Education . . . . .	1
Instructional Materials . . . . .	3
Recommended Textbooks for Gifted Students in Art . . . . .	16
Recommended Textbooks for Gifted Students in Music . . . . .	16
English Language Arts and Reading . . . . .	17
Instructional Materials . . . . .	19
Recommended Textbooks for Gifted Students in Reading/Language Arts . . . . .	48
Fantasy . . . . .	57
Autobiographies . . . . .	85
Mathematics . . . . .	93
Instructional Materials . . . . .	95
Recommended Textbooks for Gifted Students in Mathematics . . . . .	118
Science . . . . .	123
Instructional Materials . . . . .	125
Recommended Textbooks for Gifted Students in Science . . . . .	134
Social Studies . . . . .	137
Instructional Materials . . . . .	139
Recommended Textbooks for Gifted Students in Social Studies . . . . .	162
The Amish . . . . .	169
The Candidate and the Media in the United States . . . . .	175
Contemporary Issues . . . . .	181
General . . . . .	187
Instructional Materials . . . . .	189
Recommended Textbooks for Gifted Students in Business Education . . . . .	208
Recommended Textbooks for Gifted Students in Health Education . . . . .	209
Recommended Textbooks for Gifted Students in Industrial Education . . . . .	209
An Annotated Bibliography of Professional Materials on Gifted Students Available in the Educational Materials Laboratory . . . . .	211
Culturally Different Gifted and Talented . . . . .	239

## INTRODUCTION

This bibliography has been compiled through the coordinated efforts of the Gifted Project Staff of the Instructional Planning and Development Department and the Evaluation and Selection Staff of the Instructional Resources Department. Its purpose is to support local school staff in the selection of materials approved and recommended by their professional colleagues for use in instruction of identified gifted and talented students in Montgomery County Public Schools.

Recognizing the diversity of needs, interests, gifts and talents among gifted and talented students, this annotated list is presented as a first step in an ongoing process. All persons who contributed are aware that instructional materials are not "gifted"; some, however, complement more appropriately than others the curriculum, instructional strategies and activities designed and selected for use with gifted and talented students.

Several things have been done to enhance the usefulness of this bibliography. Ordering information has been supplied and BATAB numbers are included or have been requested for all items appropriate for media center collections. Missing BATAB numbers will be supplied in the Instructional Materials Newsletter until they appear on microfiche. Appropriate textbook and film catalog entries are also repeated in this publication within the subject area sections. On November 8, 9 and 10, 1978, an exhibit of many of the materials included in this listing will be held in the ESC auditorium.

The professional section of this bibliography is presented in two parts. Karen Dowling, Curriculum Librarian of the MCPS Professional Library, compiled and annotated the general professional bibliography. The professional listing on Culturally Different Gifted and Talented Students was compiled from lists produced by Karen Dowling, the Career Programs Division of the Staff Development Department, Minta Spain of Teacher's College, Columbia University and Dr. Neal V. Fertitta, Anne Arundel Public Schools. Dr. Fertitta's list was the only unannotated material included. All professional materials are available in or through the Professional Library of the Montgomery County Public Schools.

Teachers, media specialists, subject area coordinators and teacher specialists have contributed to this publication. All five area teacher specialists for the gifted reviewed materials. Michael Lawson, Media Specialist for the Gifted Science Project, reviewed and annotated science materials; and James Hassan, Teacher-Specialist for the Gifted in Instructional Planning and Development, worked with various aspects of the project.

The highly skilled and consistent work on all aspects of the project and commitment to the task of Paula Montgomery, Evaluation and Selection Specialist, have made this publication possible. The expert typing of Laura Lineberry and Judy Shifflett in the Division of Instructional Materials made all of these efforts useful.

We thank everyone who contributed to this first edition of Above and Beyond and invite each of you to join us in enlarging and revising it.

Betty W. Culotta,  
Acting Coordinator of  
Projects for the Gifted and Talented

above & beyond

aesthetic education



Affective Education Guidebook: Classroom Activities in the Realm of Feelings, by Bob F. Eberle and Rosie E. Hall. Disseminators of Knowledge, 1975. (Book) \$7.50. Batab No. 544544951.

Grades - Professional for use with grades K-12.

Specific suggestions are cited for dealing with skills in the affective domain.

American Folk Arts. Troll Associates, 1975. (Kit Series of 8 filmstrips with 8 cassettes) \$128.00 (Individual titles) \$17.00. Batab No. 843556277.

Grades 3-6.

These sets introduce students to the folk art forms created by colonial Americans. The set was prepared under the supervision of John Gordon, Philadelphia Museum of Art. Titles include: "Art Techniques;" "Documentary Art;" "Household Crafts;" "Oil Painting;" "Pottery;" "Scrimshaw;" "Sculpture;" and "Weathervanes and Whirligigs."

Animating Films Without a Camera, by Jacques Bourgeois. Sterling House, 1974. (Book) \$3.99. Batab No. 030705398.

Grades K-6.

A brief well illustrated book provides students with the basic processes for making "movie" books and drawing on blank film.

Anything Can Happen, by Joe Wayman. Good Apple. (Activity Book and Record) Book \$5.50. Record \$5.95. Batab No. 849470986.

Grades K-8.

Forty activities are designed to extend the use of twelve original songs into creative thinking activities.

The Art of Africa, by Shirley Glubok. Harper and Row, 1965. (Book) \$6.05 Batab No. 003327500.

Grades 4-8.

Photographs show masks, headdresses, statues, ivory carvings, stools, musical instruments, and brass figures used to measure gold dust.

The Art of America from Jackson to Lincoln, by Shirley Glubok. Macmillan, 1973. (Book) \$6.95. Batab No. 022548521.

Grades 3-8.

The author has selected works which mirror the happenings of the era (1815 - 1861). Included are examples of painting, architecture, interior designs, sculpture, and early photography.

The Art of America Since World War II, by Shirley Glubok. Macmillan, 1976. (Book) \$7.95. Batab No. 037186329.

Grades 3-8.

The author uses 50 artists' works in an introduction of modern art.

The Art of Ancient Egypt, by Shirley Glubok. Atheneum, 1962. (Book) \$5.95. Batab No. 003337405.

Grades 3-8.

The book introduces people who lived 5,000 years ago through their wall-paintings, scrolls, statues, gods, toys, sailboats, and games.

The Art of Ancient Mexico, by Shirley Glubok. Harper and Row, 1968. (Book) \$6.95. Batab No. 003307611.

Grades 4-8.

Art works shown in photographs show the religious and secular cultures of the Aztec and pre-Aztec civilizations.

The Art of Ancient Rome, by Shirley Glubok. Harper and Row, 1965. (Book) \$6.95. Batab No. 003341852.

Grades 3-8.

Among the historical notes, photographs, and illustrations are the carved figures of Trojan's Column, Constantine's Arch, and murals from Pompeii. Students will find this a useful introduction.

The Art of China, by Shirley Glubok. Macmillan, 1973. (Book) \$7.95. Batab No. 019544529.

Grades 3-8.

The author briefly surveys the Chinese culture of 4,000 years through its pottery of the neolithic period to modern architecture in Peking.

The Art of Colonial America, by Shirley Glubok. Macmillan, 1970. (Book) \$7.95. Batab No. 002375869.

Grades 3-8.

This introductory work provides brief interpretations of various colonial works of art including architecture, engravings, paintings, needlework, furniture, pottery, and silver.

The Art of India, by Shirley Glubok. Macmillan, 1960. (Book) \$5.95. Batab No. 000638005.

Grades 3-8.

This introductory volume describes the religious and artistic heritage of the Indian culture and could be used to supplement units on that culture.

The Art of the Eskimo, by Shirley Glubok. Harper and Row, 1964. (Book) \$6.95. Batab No. 004001761.

Grades 3-8.

The author provides a brief visual survey of the spirit masks, carved animals, and decorated tools created by the Eskimo.

The Art of the New American Nation, by Shirley Glubok. Macmillan, 1972. (Book) \$7.95. Batab No. 015010481.

Grades 3-8.

The author displays the works of art as seen 50 years after the Declaration of Independence has been signed. This book may be used with The Art of Colonial America for students to analyze the growth and change in the new Nation.

The Art of the North American Indian, by Shirley Glubok. Harper and Row, 1964. (Book) \$6.95. Batab No. 003102432.

Grades 4-8.

With the illustrations are descriptions of use of such artifacts as painted bison hides, Kachina dolls, pottery, and wampum belts.

The Art of the Northwest Coast Indians, by Shirley Glubok. Macmillan, 1975.  
(Book) \$7.95. Batab No. 031146260.

Grades 4-8.

Photographs and narration explain the significance of totem poles, long canoes, house fronts, and other statuary items.

The Art of the Old West, by Shirley Glubok. Macmillan, 1971. (Book) \$5.95.  
Batab No. 010520597.

Grades 3-8.

The period covered in this introductory work begins with Titus R. Peale and ends with Georgia O'Keefe. This book could be used in connection with The Art of the Plains Indians and The Art of the Southwest Indians so that students may compare and analyze what happened when two different cultures met.

The Art of the Plains Indians, by Shirley Glubok. Macmillan, 1975. (Book) \$7.95.  
Batab No. 542824965.

Grades 4-8.

Black-and-white photographs show the decorative and record-keeping use of art as shown in the artifacts of the Plains Indians.

The Art of the Southwest Indians, by Shirley Glubok. Macmillan, 1971. (Book) \$7.95. Batab No. 00865378X.

Grades 4-8.

Illustrations show the ceremonial uses of artworks. Examples include rock pictures, fetishes, baskets, sand paintings, ceremonial robes, jewelry, and rugs.

The Art of the Spanish in the United States and Puerto Rico, by Shirley Glubok. Macmillan, 1972. \$7.95. Batab No. 017997259.

Grades 3-8.

The author not only surveys the distinct Spanish art heritage, but provides insight into the religious and legendary stories which inspired much of the work.

Art With a Message: Protest and Propaganda, Satire and Social Comment. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 lp records, Teacher's Guide) Cat. No. 0207-1200. \$139.50.  
Batab No. 843560959.

Grades 10-12.

This program shows how art can persuade using distorted images. Satire exposes human frailties in people, society, and government institutions.

Arts and Crafts You Can Eat, by Vicki Cobb. Lippincott, 1974. (Book) \$5.95.  
Batab No. 024479101.

Grades K-12.

Specific projects are given for creating artistic as well as delicious creations. Art principles are explained as projects are identified.

Arts of Clay, by Christine Price. Scribner, 1977. (Book) \$6.95. Batab No. 542810727.



Grades 3-8.

The author provides a world survey of handmade pottery and categorizes the vessels by use. Students may make comparisons of styles and designs of various cultural groups.

Arts of Wood, by Christine Price. Scribner, 1976. (Book) \$6.95. Batab No. 543585891.

Grades 4-9.

Beautiful black and white pencil drawings show carved household implements from around the world. The explanations provide great insight into the needs and priorities of each culture exhibited.

Cathedral: The Story of Its Construction. Houghton Mifflin, 1973. (Book) \$7.95. Batab No. 020859422.

Grades 4-12.

The book describes the construction of a French Gothic cathedral from ground-breaking to its completion. Explanations are given for each craftsman's job along with his tools.

The Center for Humanities Seminars on Modern Art. The Center for Humanities. (Multi-media kit including 320 slides in 4 Carousel cartridges, 4 tape cassettes, 4 Lp records, Teacher's Guide) Cat. No. 0264-1200. \$239.60. Individual segments each \$79.50. Batab No. 844493686.

Grades 10-12.

The set begins with Impressionism in the 1800's. It is divided into four segments which provide students with a carefully researched view of the subject. Individual sections are entitled: Unit One - The Break with Traditions; Unit Two - The Reconstruction of Space; Unit Three - Exploring the Heart and the Mind; and Unit Four - Contemporary Trends.

Choruses from The Tender Land: "Stomp your Foot" and "The Promise of Living," by Aaron Copland. Boosey and Hawkes. (Sheet Music) 100 at 85¢ each \$170.00.

Grades 10-12.

The level of difficulty for singers and accompanist is extremely high. The rhythmic and harmonic complexities will be a challenge to even the most gifted and talented musicians.

City: A Story of Roman Planning and Construction, by David Macauley. Houghton Mifflin, 1974. (Book) \$6.95. Batab No. 549457623.

Grades 4-12.

Carefully detailed architectural skills for surveying, quarrying, roadbuilding, and erecting walls, sewage systems, and buildings are described and illustrated. This is useful to a unit on Rome or for a unit on cities and city planning.

Classicism and Romanticism: The Sober and the Sublime. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 Lp records, Teacher's Guide) Cat No. 0208-1200. \$139.50. Batab No. 843470720.

Grades 10-12.

Students study and explore Classicism and Romanticism as ways of thought. They may make comparisons of their influence on various art forms.

Concepts of Design Series, edited by Gerald F. Brommer. Davis Publications, 1974.  
(Set of 10 books) \$7.95 each.

Grades 7-12.

The purpose of this reference set is to create visual awareness and stimulate creativity. Each book may be used separately to illustrate the universal presence of design. Individual titles include the following:

Part I - Elements

Color and Value: Design Elements, by Joseph A. Gatto. Batab No. 543438007.

Line: A Design Element, by Jack Selleck. Batab No. 543863603.

Shape and Form: Design Elements, by Albert W. Porter. Batab No. 543857344.

Space: A Design Element, by Gerald F. Brommer. Batab No. 543853542.

Texture: A Design Element, by George F. Horn. Batab No. 030759757.

Part II - Principles

Balance and Unity: Design Principles, by George F. Horn. Batab No. 515981699.

Contrast: A Design Principle, by Jack Selleck. Batab No. 515981680.

Emphasis: A Design Principle, by Joseph A. Gatto. Batab No. 543437841.

Movement and Rhythm: Design Principles, by Gerald F. Brommer. Batab No. 543532771.

Pattern: A Design Principle, by Albert W. Porter. Batab No. 515981672.

Create - A - Bit. Teachers Exchange of San Francisco. (Activity Cards) \$4.95.

Grades 2-4.

Students use forty-four cards to execute various art techniques.

Creating a Learning Environment: A Learning Center Handbook, by Ethel Breyfogle, Sue Nelson, Pamela Santich, and Carol Pitts. Goodyear, 1976. (Book)  
hb \$10.95. Batab No. 876202040; pb \$7.95. Batab No. 876202024

Grades - Professional for use with grades K-3.

This handbook provides objectives, materials, procedures and evaluation techniques for organizing, implementing, and managing learning centers. Specific centers include: Alphabet Center; Initial Consonant Center; Geometric Shapes Center; Numerals Center; Alphabet Center; Reading Center; Fairy Tale Center; Basic Facts Drill and Practice Center; Place Value Center; Time Center; Word Attack Skills Center; Comprehension Skills Center; Tall Tale Center; Multiplication Center; Geometry Center; Metric Center.

Dandy - Lions Never Roar! by Joe Wayman and Don Mitchell. Good Apple. (Activity Book and Record) Book \$5.50. Record \$5.95. Batab No. 843845880.

Grades K-8.

Twelve songs and forty illustrated activity sheets which may be duplicated develop creative thinking abilities as well as promote positive self-concept. Activities may be adapted to a variety of context areas.

Designing in Batik and Tie Dye, by Nancy Belfer. Davis Publications, 1972. \$10.95.  
Batab No. 544545753.

Grades 7-12.

This book provides extensive notes on the processes of both batik and tie dying. Cultural background is also reviewed for each of these art forms.

Doing the Media: A Portfolio of Activities and Resources, by Kit Laybourne.  
Center for Understanding Media, 1972. (Book) \$5.00. Batab No. 513192735.

Grades - Professional for use with grades K-12.  
This compilation of practical teacher-tested ideas shows the use of a variety of media inexpensively.

Experiences in Visual Thinking, by Robert McKim. Brooks - Cole/Distributed by Creative Publications, 1972. (Book) No. 20653 \$14.50. Batab No. 543843580.

Grades K-12.  
This book focuses on developing powers of visual perception.

The Five Sense Store: The Aesthetic Education Program, developed by the Aesthetic Education Program Staff of CEMREL, Inc. Viking Press. (Multi-media Program Kits)

Funds were provided by the National Institute of Education to develop programs using the visual arts, language arts, music, dance, and drama for developing regular curriculum skills.

Grades K-4.  
Separate packages are as follows:

Arranging Sounds With Magnetic Tapes. Using the library of taped sounds, students make their own sound arrangements. They learn to vary sounds in terms of time, content, repetition, and silence.

Student Materials - 98113-3 \$92.50. Batab No. 84448900X.

2 boxes of leader tape; 2 splicing blocks; 2 pairs of scissors; 2 5" take-up reels; 1,000 editabs; 2 grease pencils; 2 rolls of masking tape; 2 holding boards; 2 sets of sound/action cards (12 cards in each set).

Teacher Materials - 98114-1 \$130.00. Batab No. 844488976.

Teacher Guide (24 pp); sound library board; set of 20 sound library tapes; introduction tape; set of 3 charts.

Constructing Dramatic Plot. In a series of three games, students learn the basic elements in a dramatic plot (character, setting, incident, conflict, crisis, and resolution).

Student Materials - 98001-3 \$56.50. Batab No. 844534145.

2 sets of 3 game boards; 2 sets of rule sheets for each game; 2 boxes of game cards (145 cards in each box); 60 diagnostic activity sheets.

Teacher Materials - 98002-1 \$71.50. Batab No. 844487287.

Teacher Guide (24 pp) set of 21 sample plot cards.

Creating Characterization. Activities are designed to introduce students to basic techniques used in expressing emotion with the body and voice.

Student Materials - 98053-6 \$52.50. Batab No. 844534153.

3 Emotion books (28 pp); 3 sets of composite puzzles (24 pieces in each set); 3 sets of masks with elastic holders (6 masks in each set); 6 sets of texture samples (4 samples in each set); 4 pads of pre-test and post-test Answer Sheets (30 in each pad); 2 pads of Student Evaluation Sheets (30 in each pad).

Teacher Materials - 98054-4 \$32.50. Batab No. 844487279.

Teacher Guide (40 pp); color filmstrip; 7" disc record; set of 6 theatrical gels; box of 20 emotion cards; wall chart; pad of evaluation sheets (30 in each pad).

Creating Word Pictures. Cards and activities help the student use words and investigate new meanings. Batab No. 844534161.

Student Materials - 98030-7 \$72.00.

6 Word Books (36 pp); 2 boxes of word cards (200 cards in each box); 2 What Is? games (24 cards in each game); 6 word card sheets; 4 pads of diagnostic activity sheets (30 in each pad); 6 pads of individual worksheets (30 in each pad).

Teacher Materials - 98030-5 \$4.95.

Teacher Guide (28 pp).

Examining Point of View. A series of activities provide opportunities for students to take their own photographs. The emphasis is on learning to understand and express what is seen, visually. Batab No. 84453417X.

Student Materials - 98016-1 \$27.50.

3 Point of View books (72 pp); 1 pad of frame corners (30 in each pad); 1 pad of activity photographs (30 in each pad); 1 pad of viewfinders (30 in each pad).

Teacher Materials \$4.95.

Teacher Guide (56 pp). Note: There are two camera unit packages available for this title. Option A: 6 Simplex Snapper cameras, 12 rolls of film;

1 Polaroid camera, 1 pack of film, 2 flashcubes, film processing mailers; 2 plastic photo display cubes, instructions. \$75.05.

Option B: Same as Option A, but without Polaroid equipment. \$35.36.

Relating Sound and Movement. Activities allow students to creatively express themselves with contrasting sounds and movements.

Student Materials - 98079-X \$29.00. Batab No. 844534188.

6 flashlights with belts; 2 pads of Sound Pre-test sheets (30 in each pad); 2 pads of Movement Pre-test sheets (30 in each pad); 2 pads of Observation Sheets for evaluation (30 in each pad).

Teacher Materials - 98088-9 \$116.00. Batab No. 849503973.

Teacher Guide (40 pp); 16mm pre-test sound color film; 16 mm "Fogarty Park" sound color film; 12" LP disc record; double-faced wall chart; book of photos (14 pp).

Rhythm/Meter. Recordings, charts, tests, and response sheets are used with students so that they may investigate rhythm, metrical notation in music, and meter. Batab No. 844534196.

Student Materials - 98040-4 \$15.00.

6 pads of response sheets (30 in each pad); 8 pads of answer sheets (30 in each pad).

Teacher Materials - 98041-2 \$60.00.

Teacher Guide; record album with 2 12" LP disc records; set of 3 double-faced wall charts.

Shape. Students use workbooks to explore the concept that shapes are everywhere.

Scenes in the environment are used to show that things have shapes, shapes are found within other shapes, and shapes may be put together to provide other shapes. Batab No. 849500796.

Student Materials - 98023-4 \$27.50.

3 Things About Shape books (48 pp); 3 pads of individual worksheets (30 in each pad).

Teacher Materials - 98024-2 \$4.95.

Teacher Guide (36 pp).

Shape Relationships. Students complete workbook activities to develop concepts of relationships between different shapes and other visual elements.

Batab No. 844534218.

Student Materials - 98009-9 \$33.95.

3 More Things About Shapes books (56 pp); 3 pads of individual worksheets (30 in each pad).

Teacher Materials - 98010-2 \$4.95.

Teacher Guide (44 pp).

Shapes and Patterns. Workbook activities introduce students to color, size, texture, and volume. They form visual patterns through ordering, repetition, and similarity. Batab No. 844534226.

Student Materials - 98069-2 \$36.00.

3 Things About Shapes and Patterns books (48 pp); 6 pads of individual worksheets (30 in each pad).

Teacher Materials - 98070-6 \$4.95.

Teacher Guide (44 pp).

Texture. Students use texture bags, word cards, and photographs to investigate texture.

Student Materials - 98129-X \$67.50.

6 sets of texture bags (8 bags in each set); 3 sets of halftones Set A (12 halftones in each set); 3 sets of halftones Set B (12 halftones in each set); 3 sets of art reproduction halftones (12 reproductions in each set).

Teacher Materials - 98130-3 \$37.50.

Teacher Guide (32 pp); set of 40 word cards; mystery bag; 1 set of color slide for art reproductions (12 slides in each set).

Tone Color. Concentrating primarily on music, students learn that creative works are made up of many parts.

Student Materials - 98099-4 \$42.50.

6 How Many? word sheets; 6 sets of tone color cards (26 in each set); 3 pads of individual response sheets (30 in each pad).

Teacher Materials - 98100-1 \$85.00.

Teacher Guide (24 pp); 16mm sound color film; color filmstrip; record album with 2 12" LP disc records.

Flying Origami: Origami from Pure Fun to Science, by Nakamura Eiji. Japan Pub., 1977. (Book) \$5.95.

Grades 4-6.

Directions for making thirty origami aircraft incorporating geometry and physics are provided along with the shape of the subject matter.

A History of the Modern Movement: Art, Architecture, Design, by Kurt Rowland.

Van Nostrand Reinhold. (Slide Set, Single Boxes, Each \$18.50 net, M1: Arts and Crafts (#27178-6); M2: The New Art (#27179-4); M3: The New World (#27180-8); M4: The Periphery (#27181-6); M5: Expression (#2718302); M6: The New Reality (#27185-9); M7: Art and Industry (#2718705); M8: The Machine (#2718803); M9: Anti-Art/The Machine (#27189-1); M10: The New Style (#27190-5); M11: The New Society (#27191-3); M12: The New Education (#27192-1); Complete set of 12 boxes, \$198.00 net, (#27177-8). Or Books, Three volumes, paperback edition, designed for student use. Each volume: 80 pages, 8 1/2 x 10 1/2, 150 photographs and and line drawings. Volume 1: Code #27173-5 \$3.95; Volume 2: Code #27174-3 \$3.95; Volume 3: Code #27175-1 \$3.95. One volume, cloth edition, suitable for libraries. Code #27172-7 \$15.00.) Batab No. 022409270.



Grades 9-12.

This is a comprehensive collection of color slides which provides a survey of the evolution of twentieth century ideas in art, architecture, and design.

The Humanities: An Approach to Living in the Modern World. The Center for Humanities. (Multi-media kit including 80 slides in 1 Carousel cartridge, 1 tape cassette, 1 Lp record, Teacher's Guide) \$79.50. Batab No: 843746831.

Grades 7-12.

The program is designed to demonstrate how art, architecture, literature, philosophy, and music may cut through barriers which separate people. This was published in cooperation with The National Council of Teachers of English and The National Council for Humanities Education.

I Can Make a Rainbow, by Marjorie Frank. Incentive Publications, Inc., 1976. (Book) \$12.95. Batab No. 913916196.

Grades - Professional for use with Grades K-8.

This art book contains ideas that stretch kids' imaginations with three hundred pages of exhilarating art ideas and projects.

Improvisation for the Theater, by Viola Spolin. Northwestern University Press, 1970. (Book) \$6.95. Batab No. 515971928.

Grades - Professional for use with Grades K-12.

This handbook contains over 200 games for releasing student's dramatic creativity.

An Inquiry Into Human Perception: The Nature of Beauty and Ugliness. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 Lp records, Teacher's Guide) \$139.50. Batab No. 843898151.

Grades 7-12.

Using passages from various authors and art of the masters, the program shows the student how beauty and ugliness are relative to philosophical, economic, sociological, and psychological thinking.

Learning to See, by Kurt Rowland. Van Nostrand Reinhold. (Books - 5 Volumes:

I. Pattern - Workbook, Teacher's Manual; II. Form - Workbook, Teacher's Manual; III. Movement - Workbook, Teacher's Manual; IV. Rhythm - Workbook, Teacher's Manual; V. Visual Communication - Teacher's Manual) Cat. No. 27156-5 \$21.75.

Grades K-4.

This basic course explores the student's world and gives a sound visual vocabulary for future study of art and the environment.

Learning to See and Understand: Developing Visual Literacy. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 Lp records, Teacher's Guide) Cat. No. 0231-1200 \$139.50. Batab No. 843752858.

Grades 7-12.

The objective of this kit is to help students become actively involved in the process of seeing. A variety of forms of art are used representing many artists. Skills required of students are: to see pictorial sequences as language; to discriminate among the barrage of visual stimuli; to develop and expand their visual vocabulary.

Making Pottery Without a Wheel, by Carlton F. Ball and Janic Lovoos. Van Nostrand Reinhold, 1965. (Book) hb \$16.95. Batab No. 442110243. pb \$5.95. Batab No. 442205414.

Grades 7-12.

Descriptions and illustrations provide the student with information on both basic skills and more advanced techniques in this art form.

Making Things: The Hand Book of Creative Discovery, by Ann Wiseman. Little, Brown and Co., 1973. (Book) \$6.95. Batab No. 542820498.

Grades 3-9.

This craft book features art projects which require easily accessible materials.

Media and Meaning: Human Expression and Technology. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 Lp records, Teacher's Guide) Cat. No. 0243-1200. \$139.50. Batab No. 843756403.

Grades 11-12.

"Program traces the accelerating evolution of media from human gestures, pottery and legends to movable type, film, radio, television and computer. Includes selected passages from Jerzy Kosinski's Being There, E.M. Forster's "The Machine Stops" and works by Dylan Thomas, Kenneth Clark, Isaac Asimov and Alvin Toffler. Theorists Marshall McLuhan, Mason Williams, Buckminster Fuller and Joseph Klapper discuss consequences of the new media." Publishers Catalog.

The Metropolitan Museum Seminars in Art. The Center for Humanities. (Multi-media kit including 400 slides in 5 Carousel cartridges, 5 tape cassettes, 5 Lp records, Teacher's Guide) Cat. No. 0214-1200 \$299.85. Batab No. 843761393.

Grades 9-12.

Students may use this program to examine composition, styles of painting and technique. Five individual units include: Unit One: What is a Painting?/Realism; Unit Two: Expressionism/Abstraction defines Expressionism; Unit Three: Composition: As Pattern, Structure, Expression; Unit Four: Technique: Fresco, Tempera and Oil, Watercolor, Pastel and Prints; Unit Five: The Artist as a Social Critic/as a Visionary.

100 Years of Modern Art: Manet to Picasso. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2-volume Teacher's Guide) Cat. No. 0102-1200 \$139.50.

Grades 7-12.

The kit begins with Impressionism in the 1860's and reviews the innovations of Cezanne, Seurat, van Gogh and Gauguin; examines Cubist, Fauvist, Expressionist and Surrealist movements; focuses on American paintings of the 1950's and 1960's; and looks at Abstract Expressionism, Op Pop and Post-Painterly Abstraction.

The Other Side of the Elephant, by June Allen. Disseminators of Knowledge, 1977. (Book) \$3.50. Batab No. 549458107.

Grades - Professional for use with grades K-6.

This teacher resource provides skill activities in most context areas via creative dramatic or expression and performance.



4.5

5.0

5.6

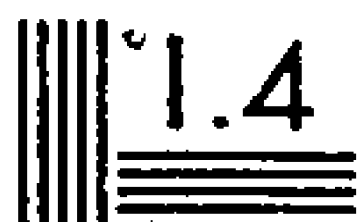
6.3

7.1

8.0

9.0

10



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS 1963-A

536 Puzzles and Curious Problems, by Henry E. Dudeney; Ed. by Martin Gardiner. Scribner, 1967. (Book) \$4.95. Batab No. 684717557

Grades 3-6.

Students are provided with puzzles and illustrations which require skill in analyzing, classifying, and evaluating.

Following Directions - Intermediate, by Jennifer Pine and Alex Pirie. Curriculum Associates, Inc. (Learning Center Package containing 10 skill books and a Teacher's Guide) Cat. No. AS161. \$14.95. Batab No. 549477608.

Grades - Intermediate..

This package provides learning technique for de-coding directions in order to proceed smoothly with the task at hand. Exercises progress from simple to complex.

Following Directions - Primary, by Jennifer Pine and Alex Pirie. Curriculum Associates, Inc. (Learning Center Package containing 10 skill books and a Teacher's Guide) Cat. No. AS162. \$14.95. Batab No. 549477578.

Grades K-3.

This package is designed to give primary children a comfortable familiarity with written directions. Exercises progress from simple to complex for such activities as making a sandwich and inventing a machine.

Fox and Geese. Creative Publications. (Game) Cat. No. 40250. \$7.50.

Grades 1-12.

This game of strategy involves two players. The object is for the fox to capture the geese while the geese try to corner the fox.

Fundamentals of Thinking: Critical Thinking. Eye Gate. (Captioned filmstrips (9) Cat. No. F151 \$90.00. Batab No. 843888164.

Grades 3-8.

Individual titles include: Comparisons, Assumptions, Classifying, Critical Thinking, Problem Solving, Interpreting, Summarizing, Observing and Analyzing. The major objective is to provide a methodology for the teaching of thinking: enable each student to develop insights into the area of conscious thought and to provide the teacher with the visual aids that will enable him to promote the whole process of thinking both as it applies in a class and in the world. The set draws heavily on Dr. Louis E. Rath's theories.

Games. Games Publications, Inc., 1977. (Periodical) Bi-monthly - \$7.00.

Grades 6-12.

Crossword puzzles, games of logic, articles, and reviews make up this magazine. Puzzles and problems range widely in the levels of difficulty.

Games for the Super-Intelligent, by James Fixx. Doubleday, 1972. (Book) \$4.95.

Grades 7-12.

A series of games have been compiled from MENSA, a group requiring an I.Q. of 140 or more for membership.

Games Without Losers, by Sarah Liu and Mary Lou Vittitow. Incentive Publications, 5. (Book) \$5.00.

Grades - Professional for use with grades K-9.

Teacher-made gameboards, puzzles, and manipulative activities are pictured for reinforcing math, science, social studies, and language arts skills.

The Good Apple Newspaper. Good Apple. (Periodical) One year - \$10.00 (reprints available)

Grades K-8.

This bi-monthly newsletter provides innovative ready-to-use learning centers and ideas in 16 pages (18" x 24") for language arts, science, math, social studies, creative thinking, art, and other areas.

The Great Perpetual Learning Machine: A Stupendous Collection of Ideas, Games, Experiments, Activities and Recommendations for Further Exploration, by Jim Blake and Barbara Ernst. Little, Brown and Co., 1976. (Book) \$7.95. Batab No. 543573060.

Grades - Professional for use with grades K-12.

This is a useful resource arranged by subject. Many of the suggestions are open ended and allow for student creativity.

A Guide for Educating a Gifted Child in Your Classroom, by Ruth F. Lawless. Disseminators of Knowledge, 1976. (Book) \$2.25. Batab No. 549456139.

Grades - Professional for use with grades K-12.

This handbook provides helpful suggestions on how to apply the theories on gifted students. It is useful for teachers who are lacking skills in working with exceptional children.

Guidelines to Creative Dramatics, by Margaret S. Woods and Beryl Frithart. Disseminators of Knowledge. (Book) \$2.00.

Grades - Professional for use with grades K-2.

These activities develop children's rhythmic and dramatic abilities as well as their language power.

How Do You Figure That? Ways of Problem Solving. The Center for Humanities. (Multi-media kit including 202 slides in 2 Carousel cartridges, 4 tape cassettes, 4 Lp records, Teacher's Guide) Cat. No. 0329-1200. \$139.50

Grades 6-8.

The program demonstrates basic problem solving techniques which include: stating the problem; gathering the facts; proposing general ideas; checking the ideas against facts; arriving at a solution.

How to Survive in School: Note-Taking and Outlining Skills. The Center for Humanities, 1977. (Multi-media kit including 240 slides in 3 Carousel cartridges, 3 tape cassettes, 3 Lp records, Teacher's Guide) Cat. No. 0308-1200. \$179.50 (Or 6 filmstrips, 6 tape cassettes, 6 Lp records, Teacher's Guide) Cat. No. 2308-1200. \$159.50.

Grades 7-12.

The set received the Learning A-V Award in 1977. In three sections, the set deals with: 1) The presentation of a variety of approaches to note-taking; 2) The discussion of the technique of note-taking; 3) The synthesis for working in specific subject areas.



How to Survive in School: Using Library Resources and Reference Materials. The Center for Humanities. (Multi-media kit including 240 slides in 3 Carousel cartridges, 3 tape cassettes, 3 Lp records, Teacher's Guide) Cat. No. 0323-1200. \$179.50.

Grades 7-12.

After giving an overview of libraries (circulation, reference works, periodicals, and media), the other two sections focus on the card catalog and the reference collections:

Illustrated Problem Solving Cards. Creative Teaching Associates. (Activity Cards - 48) Cat. No. 4016. \$4.95.

Grades 3-8.

Story problems are reproduced for students to solve in competition.

Imagin-Action, by Bob Eberle. Disseminators of Knowledge. (Book) \$2.50.

Grades 4-12.

Pantomime games teach non-verbal communication skills. Students have an opportunity to engage in ninety games.

Imagination and Me, by Joe Wayman and Don Mitchell. Good Apple. (Activity Book and Record) Book - \$5.50; Record - \$5.95. Batab No. 849467462.

Grades K-8.

Forty activities are designed to encourage students to use their creative abilities after listening to the twelve original songs. The words, music, and guitar chords are reproduced in the booklet.

Imagination Express: Saturday Subway Ride, by Gary A. Davis, et al. Disseminators of Knowledge, 1970. (Book-Kit) Cat. No. 6400 \$3.95. Batab No. 549457836.

Grades 5-8.

Open-ended simulations lead students to creative thinking.

Independent Activities for Creative Learning, by Helen F. Darrow and R. Van Allen. Teachers College Press, 1961. (Book) \$3.50. Batab No. 807712272.

Grades - Professional for Grades K-12.

The activities suggested in this teacher's guide were designed to assist children in developing a more creative approach to learning and work.

Information Fast! Educational Insights, Inc. (Activity Cards) Cat. No. 9122. \$5.95. Batab No. 849468868.

Grades K-8.

Students are given true-life problems for gathering information. Techniques are identified for skill improvement in using the media center, interviewing resource people, and using community resources.

Know How Book of Action Games: Lots of Simple Games to Make and Play, by Anne Civardi. Sterling, 1976. (Book) \$4.69. Batab No. 806980559.

Grades 2-5.

Students are given step-by-step instructions for games which require ordinary household materials.

Know How Book of Action Toys: Lots of Toys and Machines to Make and Work, by Heather Amery. Sterling, 1976. (Book) \$4.69. Batab No. 806980575.

Grades 2-5.

Students may follow the simple instructions to prepare inexpensive play things.

The Learning Center Book: An Integrated Approach, by Tom Davidson, Phyllis Fountain, Rachel Grogan, Verl Short, and Judy Steely. Goodyear, 1976. (Book) \$10.95. Batab No. 544571622.

Grades - Professional for use with grades K-8.

Ideas for learning centers are suggested for various content areas. These may be student-made or teacher-made.

Learning Through Creative Thinking, by M. Ann Dirkes. Disseminators of Knowledge. (Book) \$3.95.

Grades 4-12.

Activities cross all curriculum areas and involve brainstorming, problem solving, role-playing, and decision making.

Let's Look at Logic. Guidance Associates, 1977. (Kit including 2 filmstrips with records (9A-304665) or 2 filmstrips with cassettes (9A-304073) discussion guide and 20 activity cards) \$59.50.

Grades 4-8.

This set introduces the simpler aspects of formal logic. Students learn about Venn diagrams and use precise meanings for the terms: true, valid, possible, any, some, all, and follow from. Independent follow up activities are provided.

Make-It-Yourself Games Book, by Robert Reives. Wff 'N Proof. (Book) \$5.95. Batab No. 875231527.

Grades 1-12.

Building instructions and diagrams are given for 50 games and contests.

Master Mind. Invicta/Distributed by Creative Publications. (Game) Cat. No. 40270. \$4.00. Batab No. 849578086.

Grades 2-12.

Using a game board and colored pegs, two people may become involved in complex thinking processes. One player sets up a code with pegs and the other person tries to discover that code.

Mind Expanders: Challenging Activities for Gifted Students. Educational Insights, Inc. (Activity Cards - 4" x 8") Order No. 9111. \$5.95. Batab No. 843763329.

Grades 4-8.

Ideal for independent work, the activities provide a challenge to students in the areas of art, science, mathematics, social studies, and language arts.

More Center Stuff for Nooks, Crannies and Corners, by Imogene Forte and Mary Ann Pangle. Incentive Publications, 1976. (Book) \$9.95. Batab No. 549476881.

Grades - Professional for use with grades K-6.

More than fifty new centers have been added as a sequel to Center Stuff for Nooks, Crannies and Corners.

More Games for the Superintelligent, by James Fixx. Doubleday, 1972. (Book)  
\$5.95.

Grades 7-12.

This collection of math, logic, and word puzzles also includes a discussion of intelligence and an intelligence test used by MENSA to screen its candidates.

Moscow Puzzles, by Boris A. Kordemsky. Distributed by Creative Publications.  
(Book) Cat. No. 20563. \$5.00.

Grades 5-12.

Problems in logic and reasoning require no advanced mathematical skills.

NewsLab I, by Lorne R. MacKenzie. Science Research Associates. (Kit includes 200 Activity Cards, 12 index Cards, one copy of NewsGuide, Student Record Folders, Teacher's Manual, 2 Map Spirit Masters, and Student Evaluation Forms.)  
3-5000 NewsLab, complete kit - \$91.00; 3-5016 Additional Teacher's Guide - \$1.75; 3-5013 NewsGuide (1 per student) - \$1.07; 3-5025 Specimen Set - \$2.55. Batab No. 849468884.

Grades 2-7.

Activity cards cover twelve sections: World News, Local News, Sports, Advertisements, Editorials, Cartoons, Entertainment, Business, Women's Pages, Special Features, News Themes, and News Extras. Students gain skill in interpreting what they read and practice outlining, skimming, and summarizing.

NewsLab II, by Lorne R. MacKenzie. Science Research Associates. (Kit including 195 Activity Cards, 11 Index Cards, one copy of NewsGuide II, Teacher's Manual, Map Spirit Master, Student Record Envelopes (40), and Introductory Cassette)  
#3-5100 NewsLab II, complete kit - \$93.00; #3-5102 Additional Teacher's Guide - \$2.30; #3-5101 NewsGuide II (1 per student) - \$1.07; #3-5125 Specimen Set - \$3.20. Batab No. 849468906.

Grades 4-9.

The individualized activities make this useful at a learning center. Newspaper reading skills are offered in other subject areas (language arts, social studies, current events, and mathematics).

Newspaper, by Debra Rynor. Frank Schaffer, 1976. (Activity Cards - 5" x 8")  
\$4.95. Batab No. 849468981.

Grades 4-6.

Students learn to read at various rates, how to read to find information and to read for different purposes by reading and writing editorials, advertisements, and weather reports.

Nooks, Crannies and Corners: Learning Centers for Creative Classrooms, by Imogene Forte and Joy MacKenzie. Incentive Publications, 1973. (Book) \$6.95.

Grades - Professional for use with grades K-8.

Step-by-step instructions and suggestions provide teachers with an approach for personalizing learning and creating a receptive instructional environment.

Using a question and answer format, the book gives workable solutions to problems.

One at a Time All at Once: The Creative Teacher's Guide to Individualized Instruction Without Anarchy, by Jack E. Blackburn and W. Conrad Powell. Goodyear, 1976. (Book) \$11.95. Batab No. 876206380.

Grades - Professional for use with grades K-8.

This handbook furnishes an excellent description and definition of individualized instruction. It emphasizes the role of assessment and evaluation in an individualized program. Specific suggestions are included for creating learning centers, learning packages, student contracts, peer teaching, games, role playing, committee work, and projects.

100 Games of Logic, by Pierre Bulloquin. Scribner, 1977. (Book) \$6.95. Batab No. 544494059.

Grades 4-12.

This book of logic problems designed for recreation will especially be enjoyed by non-mathematicians.

101 Puzzles in Thought and Logic, by C.R. Wylie. Distributed by Creative Publications. (Book) Cat. No. 20564. \$1.95.

Grades 6-12.

Problems require students to use their skills in reasoning in a logical fashion.

Outline Building, by Herbert D. Hill, Jr. and M. Joan McKenna. Curriculum Associates, Inc. (Kit includes series of self-directing manipulative activities, including 25 outline sets, pre and post-test spirit masters, outline format spirit masters, spirit master completion certificate, teacher's guide) Cat. No. 173. \$16.95. Batab No. 549477438.

Grades - 1-8.

The series provides activities that introduce and reinforce the basic skills of organization and outlining in a unique way. Cards arrange tasks in an increasing order of difficulty.

The Outlining Kit, by Herbert D. Hill, Jr. and M. Joan McKenna. Curriculum Associates, Inc. (Kit including 108 activity cards, 9 spirit masters, Teacher's guide, sturdy classroom box) Cat. No. AS174. \$24.95.

Grades 1-8.

The kit emphasizes activities which sequentially develop important subskills of outlining. It is divided into sections in an ascending order of complexity.

Perception Stimulators, by Dr. Madon Mohan and Dr. Victoria Risks. Disseminators of Knowledge. (Book) \$2.00.

Grades 7-12.

Ninety-two puzzles and riddles help observation and tolerance for ambiguity and complexity.

Perceptual Games and Activities, by Margaret E. Mulac. Harper and Row, 1977. (Book) \$9.95. Batab No. 549472649.

Grades 7-12.

Excellent classroom activities are provided for both mathematics and science.

Press Ups. Invicta/Distributed by Creative Publications. (Game) Cat. No. 40310 \$4.00. Batab No. 849578175.

Grades K-12.

Directions in ten languages for three different games using a gameboard and colored pegs promote prediction skills. Students must plan strategies to gain the advantage and depress all their pegs first.

The Productive Thinking Program, by Richard Crutchfield, Martin Covington, Lillian Davies, and Robert M. Olton, Jr. Charles E. Merrill Publishing Co. (Kit)

07811-3	Complete Program (5 each of 15 different Basic Lesson and Problem Set Booklets, 1 Teacher's Guide, 1 Booklet of Productive Thinking Program Masters, 1 Chart of the Thinking Guides, 1 Class Record Card)	
	1-3 Complete Programs	\$150.00
	4-10 Complete Programs	135.00
	11 or more Complete Programs	128.00
07812-1	Student Book Package (contains 1 each of the Basic Lesson Problem Sets Booklets)	
07829-6	Productive Thinking Program Masters (Spirit Duplicating Masters)	4.95
07828-8	Teacher's Guide	4.95
07771-0	Chart of the Thinking Guides	3.50
07830-X	Class Record Card	.75

Grades 5-9.

The program concentrates on six categories: Quantitative Analysis, logic, object manipulation, creative insight, and just for fun. Problems are of increasing difficulty.

Programs for Gifted/Talented/Creative Children, by Ruth F. Lawless. Disseminators of Knowledge, 1977. (Book) \$2.95. Batab No. 549458174.

Grades - Professional for use with grades K-12.

General information is provided about program design in middle, junior, and senior high schools. It describes some successful programs and discusses curriculum based on the individual.

Promote, by Patricia Weber. Disseminators of Knowledge. (Book) \$2.00.

Grades 4-12.

These cards provide systematic steps for basic research. Emphasis is placed on presenting problems, offering possible solutions, and providing practice.

Puzzles for Pleasure, by E.R. Emmet. Emerson, 1974. (Book) \$5.95.

Grades 4-12.

This collection of puzzles and logic problems covers a wide range of subjects on varying levels of difficulty.

Qwik-Sane, by James R. O'Neill. Wff 'N Proof. (Puzzle Game) \$2.00. Batab No. 849470943.

Grades 1-12.

This is a topological puzzle which is intended for one player.

The Reality of Imagination: An Inquiry Into Human Creativity. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 Lp records, Teacher's Guide) Cat. No. 0259-1200. \$139.50. Batab No. 843768916.



Grades 7-12.

"Childhood fantasies are captured in Dylan Thomas's "Reminiscences of Childhood"; James Joyce describes Leopold Bloom's elaborate day dreams in Ulysses; the effect of love on the imagination is explored in Sappho's poetry and Roberts Flack's "The First Time Ever I Saw Your Face"; William Blake in "Poison Tree" shows how anger and hate affect the imagination. Many moods are created and shared by imagination: Joni Mitchell's "Chelsea Morning"; Edna St. Vincent Millay's "Lament"; James Wright's poem "Blessing" produce moods where none existed before. Students share the fear and foreboding Poe expresses in "The Fall of the House of Usher" and the anger depicted in Shakespeare's King Lear." Publishers Catalog.

The Research Paper Made Easy: From Assignment to Completion. The Center for Humanities. (Multi-media Kit including 6 filmstrips, 6 tape cassettes, 6 Lp records, Teacher's Guide) Cat. No. 2313-1200. \$159.50. (OR 240 slides in 3 Carousel cartridges, 3 tape cassettes, 3 Lp records, Teacher's Guide) Cat. No. 0313-1200. \$179.50. Batab No. 844546410.

Grades 7-12.

Three sections focus on 1) giving examples of and reasons for writing research papers; 2) doing the research to support a thesis; 3) presenting a thesis with supporting research (writing).

Reasoning Activities without Reading, by Dr. Frederick Schippert. Midwest Publications Co., 1975. (Workbook) \$9.95.

Grades K-3.

One hundred twenty activities requiring reasoning skills via visuals, manipulatives and line drawings.

Researchlab. Science Research Associates. (Kit including 220 article cards, 20 answer keys, 20 contents cards, 4 how-to-use-the-kit cards, 2 indexes, 1 teacher's guide, 1 64-page Student Research Guide, and 16 research skills cards.)  
3-7600 - Researchlab - \$106.50; 3-7611 - Student Research Guide - \$.98;  
3-7612 - Additional Teacher's Guide - \$1.72; 3-7613 - Specimen Set - \$4.75. Batab No. 843769343.

Grades 3-8.

Basic skills are the foundation of the program for locating, organizing, and evaluating information. "The program is divided into three levels to accommodate a broad range of abilities. The first two levels present sixteen research skills described in detail on skill cards. Skills include skimming; using a table of contents, an index, and a dictionary; finding the main idea; using pictures for information; using cross references; finding supporting details; notetaking, outlining; selecting information; organizing material; using personal experience; noting similarities and differences; evaluating information; and relating information. The third level of the program presents research assignments that help students develop reports using the research skills. Article cards contain the three levels of research exercises and informative full-color material about ten subject-matter areas: Man, Animals, Plants, the Earth and Beyond, Famous People, Travel and Communication, Work and Industry, Countries of the World, the Arts and Entertainment, and Sports." Publishers Catalog.

S.O.S. Abilities Workbook, by Mary N. Meeker. S.O.S. Institute. (Workbooks: General Ability Workbooks - Cognition - Advanced, Unbound - \$7.00; Memory - Advanced, Unbound - \$7.00; Evaluation - Advanced, Unbound - \$7.00; Convergent Production - Advanced, Unbound - \$7.00; Divergent Production - Advanced, Unbound - \$7.00.)

Grades K-12.

These books are a direct outgrowth from Guilford's Model and may be applied to various content areas.

Scamper, by Bob Eberle. Disseminators of Knowledge, 1971. (Book) \$2.00. Batab No. 549458204.

Grades K-6.

Games are suggested which develop the perceptive imagination, and creative abilities of students.

School Survival Skills: How to Study Effectively. The Center for Humanities. (Multi-media kit including 240 slides in 3 Carousel cartridges, 3 tape cassettes, 3 Lp records, Teacher's Guide) Cat. No. 0322-1200. \$179.50. Batab No. 844548936.

Grades 7-9.

In each of the three segments, students review the reading process: develop questions, take notes to answer questions, write summaries. They are given suggestions for pre-reading activities such as checking the table of contents of a book or reading the introduction.

Scratching the Surface of Creative Problem-Solving: A Bird's Eye-View of CPS, by Ruth B. Noller. Disseminators of Knowledge. (Book) \$1.50. Batab No. 549458212.

Grades - Professional for use with grades 7-12.

This book attempts to define creative problem solving. Using bold print to highlight important words in the process, it describes how CPS is different from other kinds of problem solving. An illustrative example is taken from an actual situation.

Search and Research, Set A. Creative Teaching Press. (Activity Cards - 5" x 8" - CTP-144) \$4.95. Batab No. 844553042.

Grades 103.

Cards give students individualized problems which will acquaint them with the telephone book, television guide, newspapers, signs, resource people, and the dictionary.

Search and Research, Set B. Creative Teaching Press. (Activity Cards - 5" x 8" - CTP-145) \$4.95. Batab No. 844553050.

Grades 103.

This set extends the child's learning experiences to maps, pictures, encyclopedias, and the media center.

Secret Codes Activity Cards. Teacher's Exchange of San Francisco. (Also available through Frank Schaffer) (Activity Cards - 5 1/2" x 8 1/2") \$4.95.

Grades 3-6.

Forty-eight activity cards provide students with problem and puzzles to solve (riddles, messages to decode, puzzles, etc.).

Sports Activity Cards, by Jim Ryno. Frank Schaffer, 1975. (Activity Cards - 5" x 8") \$4.95. Batab No. 84947096X.

Grades 3-5.

A series of creative writing activities for the middle and upper grades. Each card has a motivating plot together with a series of questions to help the "author" develop the story. It stresses finding facts, getting the main idea, and inference.

Strange and Familiar. Synectics Education Systems. (Workbook Series - Book III, Book IV) Each \$6.75.

Grades 5-12.

Workbooks contain student exercises to aid communication skills and the use of the metaphor in all subject areas (science, social studies, the arts, etc.). Students draw on their own background to make connections between things, ideas, etc. so that they are better able to express their feelings.

Successful Problem Solving Techniques, by Carole Greenes, John Gregory, and Dale Seymour. Distributed by Creative Publications. (Book) Cat. No. 10435. \$5.00. Batab No. 549440747.

Grades 6-12.

This book outlines nine basic techniques for solving problems to enhance students' problem solving abilities.

Sunflowering, by Bob Stanish. Good Apple, 1977. (Book) \$7.95. Batab No. 549458271.

Grades - Professional for use with grades 1-12.

This collection of classroom-tested ideas develops student creativity and imagination. It may be used at all levels because of its open-ended format. Responses, however, will vary according to age and experiences.

Super Think. Troll Associates. (Multi-media kit series) \$192.00, each \$48.00. Batab No. 843847832.

Grades 5-8.

Four modules are designed to strengthen the following cognitive skills: Listen Carefully; Think Logically; Interpret Information; Remember Facts and Details; Pinpoint Main Ideas; Think Independently; Sharpen Reading Skills; Summarize and Make Decisions; Understand Differences; Build Vocabulary Skills; Decode and Analyze Material; Develop Self-Expression; Distinguish Facts and Opinions; Observe Sequence and Order; Inspire Leadership Goals; Develop Insight and Awareness; Learn Sportsmanship; Improve Study Habits; Follow Directions; Think Creatively. The four modules include: Baseball Super Think: Mickey Mantle, Willie Mays, Roberto Clemente, Frank Robinson, Henry Aaron, Johnny Bench; Basketball Super Think: Bob Cousy, Bill Russell, Jerry West, Wilt Chamberlain, Willis Reed, Julius Erving; Football Super Think: Jim Thorpe, Knute Rockne, Vince Lombardi, Johnny Unitas, O.J. Simpson, Jim Plunkett; Fast-Action Super Think: Bobby Hull, Althea Gibson, Arthur Ashe, Billie Jean King, Jesse Owens, Wilma Rudolph.

Supertot, by Jean Marzollo. Harper and Row, 1977. (Book) \$11.95. Batab No. 549474227.

Grades - Professional for use with Headstart.

This book is useful in conferences with parents. It provides suggestions for providing experiences for young children which will contribute to their talents.

Teacher, Let Me Do It: Learning Centers That Grow, by Dr. Bryna R. Cooperman, Dr. Mildred J. Fischle, and Dr. Ruth Hachstetler. Disseminators of Knowledge. (Book) \$3.50.

Grades K-6.

Activities are developed into learning centers for encouraging independence for students.

Test Your Logic, by George J. Summers. Dover/Distributed by Creative Publications, 1972. (Book) Cat. No. 20566. \$1.95.

Grades 6-12.

A collection of fifty "who done it" mystery puzzles require high levels of abstract and logical thinking. Clues and general methods for solving are given.

Test-Taking Skills: Effective Study Techniques. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 Lp records, Teacher's Guide) Cat. No. 0317-1200. \$139.50. Batab No. 843784458.

Grades 7-12.

Students are shown how to prepare for objective and essay tests. Specific advice is given on answering true/false and multiple choice questions.

Think Tank: The Autotelic (self-motivating) Learning Center. Wff 'N Proof. (Game Kit which includes 28 instructional games, included in each Autotelic Learning Center are: 4 Wff 'N Proof - \$13.00 each; 4 Queries 'N Theories - \$13.00 each; 4 Equations - \$10.00 each; 4 On-Sets - \$10.00 each; 4 Propaganda - \$11.00 each; 4 On-Words - \$10.00 each; 4 Configurations - \$6.75 each; 1 Teacher's Manual - \$1.25; 1 Pair Thinkers Bookends - \$16.00 - Total - \$312.25; 1 each plus teacher's manual - \$43.75.) Batab No. 849470986.

Grades 2-12.

The games were designed by university professors to improve logic and thinking skills in math, science, social studies, and language arts.

Think-A-Bit. Teachers Exchange of San Francisco. (Activity Cards) \$4.95.

Grades 2-6.

Forty-eight task cards include activities which involve sequencing, classifying, making analogies, and identifying relationships.

Thinking Clearly: Strategies. Eye Gate. (Kit: #TX212 - 6 filmstrips, 3 cassettes - \$82.50; #DX212 - 6 filmstrips, 3 records - \$82.50; #STX212 - Complete set of 6 color filmstrips with 3 cassettes in Spanish - \$82.50)

Grades K-5.

The emphasis of this kit is on helping students develop their own strategies for observing and interpreting information. Titles include: Inconsistencies; Objects and Environments; Objects and Functions; Finding Objects; Analogies; Categories.

The Thinking Skills Development Program II, by Selma Wasserman, Jack Wasserman, and Louis E. Rath. Benefic Press. (Multi-media kit including: 12 Filmstrips; 2 Cassettes; 1 Teacher's Guide; 240 Skill Development Cards; 60 Self-Help Thinking Skills Cards; 30 Student Reference Books; 30 Student Activity Record Sheets; 1 Teacher's Guide.

030015	Thinking Skills Development Program - II (includes all component parts listed)	\$159.00
030007	Thinking Box Program (without Filmstrips & Cassettes)	69.00
030403	Thinking Skills Filmstrip and Cassete Program (12 filmstrips, 2 cassettes and guide)	93.00
030106	Student Reference Book	.60
030205	Student Activity Booklets - Set of 30	3.90
030304	Teacher's Guide for Thinking Box	3.90
Batab No. 843789468.		

#### Grades 6-9.

The program includes twelve thinking operations in six subject areas (Social Studies, Science, Language Arts, Music, Art, Math, and Recreation). This may be used as enrichment for top level students.

Thinklab I, by K.J. Weber. Science Research Associates. (Kit includes 125 Puzzle Cards (four each); plastic sticks and discs for the manipulative puzzles; 40 Pupil Progress Cards, and a Teacher's Guide including Answer Key) 3-207740 - Thinklab Kit - \$61.00; 3-207741 - Additional Teacher's Guide - \$1.55; 3-207742 - Additional Pupil Progress Cards - \$3.15. Batab No. 843789476.

#### Grades 3-12.

The problem-solving kit requires students to manipulate objects, use creative and perceptive insight, perceive image patterns, and use logical analysis. The reading level progresses in difficulty as the problems increase in difficulty. The problems are related to reading, language arts, mathematics, and social studies.

Thinklab II, by K.J. Weber. Science Research Associates. (Kit includes 160 Puzzle Cards (four each of #1-145, eight each of #146-160), 50 plastic sticks and 50 plastic discs, 40 Pupil Progress Cards, and a Teacher's Guide including Answer Key.) (#3-280070 - Thinklab 2, complete kit - \$82.50; #3-280071 - Additional Teacher's Guide - \$1.85; #3-280072 - Additional Pupil Progress Cards - \$3.15; #3-280079 - Review Set - \$3.15.) Batab No. 849471001.

#### Grades 5-12.

Problems are grouped under six categories including: quantitative analysis, logic, object manipulation, creative insight, just for fun, and brainstorming. Students will find problems which require little reading as well as those with difficult reading levels.

A Total Creativity Program for Individualizing and Humanizing the Learning Process, by Frank E. Williams. Educational Technology Publications. (Kit) \$65.00. Batab No. 844464325.

#### Grades - Professional for use with grades K-12.

Suggestions and strategies are provided for working with gifted students in six thought processes.

Typing Course for Children. McCormick-Matthews Publishing Co. (Workbook) \$3.96.

#### Grades 3-6.

This instructional material provides step-by-step instruction for students wishing to learn how to type correctly.



Wff, by Layman E. Allen. Wff 'N Proof. (Game) \$2.00. Batab No. 849471079.

Grades K-2.

Two players may work at this logic game. It contains the first two games from the set, Wff 'N Proof, and is based on speed in reasoning.

Wff 'N Proof: A Game of Modern Logic, by Layman E. Allen. Wff 'N Proof. (Game Set of 21 games) \$13.00. Batab No. 843884355.

Grades 1-12.

The set includes games which require skill in logic. The first two games teach WFF (Well-formed formula - a logic sentence). The other 19 games provide practice in abstract thinking with rules of inference, logical proofs, and the nature of formal logic systems.

A Young Child Experiences: Activities for Teaching and Learning, by Sandra Nina Kaplan, Jo Ann Kaplan, Sheila K. Madsen, and Bette Taylor Gould. Goodyear, 1975. (Book) \$9.95. Batab No. 034070125.

Grades - Professional for use with grades K-2.

Complete learning centers and activities for use with individual students or groups are prepared. Ready-to-use worksheets are inserted. Contents include: Teacher Experiences: Creating an Environment for Learning; Organizing Activities; Getting Children to the Experiences; Record Keeping and Reporting; The Teacher's Day; School Supports. Junk Experiences: Collecting Junk; Storing Junk; Task Cards; Placemats; Skills: shape, counting, patterns, classifying, beginning sounds; Collections: jewelry, fabrics, nature, food; Projects: airplanes, towers, boats, space, vehicles, cars, houses, robots, people; Building Starter Cards; Oldies But Goodies: blocks, sand, playhouse, play equipment. Me Experiences: This is Me; Me and My Feelings; I Can Do It Myself; Me and Other People; Me and Other Creatures; Me and My Decisions. Talking Experiences: Happy Birthday Center; Salesman; Speaker's Corner; Announcers; Animals; Puppets. Writing Experiences: General Materials Center for Writing; General Activity Center for Writing; Scribe's Corner; Ice Cream Center; Monsters; Holidays. Experiences in the Arts: Painting and Sculpture; Body Movement; Music. Environmental Experiences: Hamburger Stand; Nursery; Shopping Center; The World Around Me; Factory; Outside the Door, Inside the Fence; Add to, Improve, Change Your Environment.

#### Recommended Textbooks for Gifted Students in Business Education

##### Bookkeeping - Grades 10-12

2691600	<u>Accounting</u>	Gregg Publishing Division, 1977.	(Student)	\$ 8.09
2691601			(Teacher)	10.67

##### Data Processing - Grades 11-12

2730804	<u>Introduction to Computer Programming</u>	Anaheim Publishing Co., 1972.	(Student)	\$ 7.96
---------	---	-------------------------------	-----------	---------

Recommended Textbooks for Gifted Students in Health Education

Grade 7

2750414 You and Alcohol. Ramapo House, 1970. (Student) \$ 1.51

2750416 You and Smoking. Ramapo House, 1970. (Student) \$ 1.51

Recommended Textbooks for Gifted Students in Industrial Education

Grades 9-12

2680980

Photo Technology. 2nd ed. American Technical Society, 1972.

(Student) \$ 6.45

above & beyond

VII

professional

An Annotated Bibliography of  
Professional Materials on Gifted Students  
Available in the Educational Materials Laboratory

KIT  
371.95  
ABO

Above and Beyond. Montgomery County Public Schools. 79 slides  
color and 1 cassette.

Discusses the need for differentiated programs for  
gifted and talented students.

371.95  
ABR

Abraham, W. Common Sense About Gifted Children. Harper and  
Brothers, 1958.

The book was written so both teachers and parents  
of gifted children may be guided in common sense  
approach in their relationship with gifted children.  
The author suggests answers to such problems as:  
How to tell if a child is gifted; Healthy, realistic  
parental attitudes toward achieving a sensible home  
life; and choosing the proper college.

371.95  
AME

American Association for Gifted Children. The Gifted Child.  
D. C. Heath, 1951.

This is a non-technical book with practical sug-  
gestions for handling problems of the gifted  
child. It uncovers a wealth of research  
findings about the gifted. It's the editors  
conviction for the need to develop in the  
gifted children an awareness of their  
responsibility to use their gifts fully in  
the interest of democracy.

028.5  
ANN

Annotated Bibliographies for Use in Junior High School Gifted  
Cluster and Seminar Classes by K. G. Knight, et. al.  
San Diego City Schools, 1974.

371.956  
ASH

Ashley, R. Activities for Motivating and Teaching Bright  
Children. Parker, 1973.

371.9

BAR

Barbe, W. B. The Exceptional Child. Center for Applied Research on Education, Inc., 1963.

Chapter III is entitled, "Intellectual exceptionality: The above-average child."

155.455

BAR

Barbe, W. B. and J. S. Rezulli, eds. 2nd ed. Psychology and Education of the Gifted: Selected Readings. Prentice-Hall, 1975.

This selection of readings on the psychology and education of the gifted includes philosophical presentations, discussions of particular points of view, views of literature on specific topics and significant research reports. Much of the material is of an advanced level, being more suitable for the serious student than the casual reader.

371.95

BEN

Bent, G. Grouping of the Gifted; an experimental approach. Bradley University Publishers, 1969.

Results of a study designed to determine if any significant differences appeared in the growth and development of grouped fast learners and similar subjects who were placed in regular classes (and presumably given some enrichment) during their attendance in the middle and upper grades of public and Catholic schools in two mid-western cities.

507

BRA

Brandwein, P. F. The Gifted Student as Future Scientist. Harcourt, 1955.

The book identifies ways to educate gifted students in becoming scientists. The author's purpose is sixfold:

1. Determine the nature of giftedness.
2. Details one type of a model program.
3. A description of tests to identify gifted students.
4. Describe the behavior of these students.
5. Describe the kind of teacher who works well with these students.
6. Suggestions for action on the local, state, and national level.

371.95  
BRI

Bridges, S. A. Gifted Children and the Brentwood Experiment.  
Pitman, 1969.

371.95  
BUR

Burks, B. S., et. al. The Promise of Youth; follow-up studies  
of 1000 gifted children. Stanford University Press, 1930.

Follow-up study of Termon's group after a period of  
10 years.

371.95  
BUR

Burt, Cyril Ledowic, Sir. The Gifted Child. Wiley, 1975.

371.95  
CAR

Career Education for Gifted and Talented Students. Ed. by  
K. B. Hoyt and J. R. Hebler. Olympus Pub., 1974.

Based on a series of conference seminars at the  
University of Maryland in 1973. Five sections  
include:

1. Introductory overview of current status of  
subject.
2. Discussion of the future of work.
3. Discusses value considerations in career  
education for gifted and talented persons.
4. Summarizes exemplary programs in career  
guidelines.
5. Discusses implications for curriculum  
guidelines.

Includes chapter bibliographical references.  
Indexed.

371.95  
CAR

Carnegie Foundation for the Advancement of Teaching. Education  
of the Academically Talented. 1959.

Summary of a discussion by the foundation trustees.  
Reprinted from the 1958-59 Annual Report.

371.95  
NEW

Cavedon, Joelcira F., et. al. A New Generation of Leadership:  
Education for the Gifted and Talented. Ventura County  
Public Schools, 1977.

378.17  
SUP

Cohen, Joseph W., ed. The Superior Student in American Higher  
Education. McGraw, 1966.

This book describes the honors programs in secondary  
schools, colleges, and universities. The superior  
student is the subject of one chapter. Also included  
are chapters on the history of the honors movement,  
honors in science, and progress and problems in  
evaluating the success of honors programs.



707.12

CON

Conference on Art for the Academically Talented. Art for the Academically Talented Student in the Secondary School. Ed. E. Ziegfeld. N. E. A., 1961.

371.95

CON

Conference on Guidance for the Academically Talented Student. Guidance for the Academically Talented Student: Report. NEA Project on the Academically Talented Student, 1961.

This publication contains both ideas for guidance work with the academically talented and specific ways in which these ideas can be actualized. It presupposes that the concept of guidance for the academically talented calls for a recognition of behavioral effects and the development of sound attitudes in individuals.

371.95

COP

Copley, O. The American High School and the Talented Student. University of Michigan Press, 1961.

This is a book for parents and educators that deal with the problem how any ordinary high school, large or small, can better educate its superior students. It prescribes the use of an advance placement program for its gifted. It shows how to set up an advanced placement program, what tests should be used in selecting students and even how teachers should be chosen.

371.95

COX

Cox, C. M., et. al. The Early Mental Traits of 300 Geniuses. Stanford University Press, 1926.

A more intensive study of the gifted group described by Terman in 1925.

371.9

CRU

Cruickshank, W. M. and G. O. Johnson, eds. Education of Exceptional Children and Youth. Prentice-Hall, 1958.

Chapter 4 is entitled, "The education of children with high mental ability." Includes chapter bibliographical references. Indexed.

371.95

CUT

Cutts, N. E. and N. Moseley. Teaching the Bright and Gifted.  
Prentice-Hall, 1957.

This book is designed to give practical help to classroom teachers in elementary and secondary schools and to teachers in training on how to teach the gifted. Materials have been contributed by well over a thousand teachers, parents, and pupils, and quotations from these materials are liberally used to provide true-to-life illustration.

371.95

DEH

DeHaan, R. F. and R. J. Havinghurst. Educating Gifted Children.  
2nd ed. University of Chicago Press, 1961.

This edition accounts how educators and research workers have responded to the pressures generated by themselves and others for improved education for the gifted. The basic issues are described in the first chapter. What is known about the nature of giftedness is discussed in the second chapter. These two chapters lay the foundation for much of the rest of the book.

371.95

DEL

Delp, J. and Martinson, R. A. The Gifted and Talented: A Handbook for Parents (Working Draft). Ventura, California: Ventura County Superintendent of Schools, 1974.

This is a handbook for parents with gifted and talented children. Parts of this book are presented as a handbook, with direct answers to questions about the gifted. The answers in many cases are brief. Some of the content is critical of existing efforts for the gifted. Includes bibliography.

371.9

DUN

Dunn, L. M., ed. Exceptional Children in the Schools. Holt, 1964.

Chapter 4 is entitled, "Gifted Children." Includes chapter bibliographical references. Indexed.

371.95

DUR

Durr, W. K. The Gifted Student. Oxford University Press, 1964.

The book deals in concrete ways that teachers may help the gifted. Its emphasis is on the direct and practical, although theoretical and research-based frameworks are provided as a background for specific suggestions.

371.95  
EDU

Education of the Gifted and Talented; report to the Congress of  
The U. S. by the U. S. Commissioner of Education. National  
School Public Relations Association, n.d.

TAPE  
371.95  
ENG

English/Language Arts for the Gifted. On-the-Spot duplicators  
CB.

371.95  
EVE

Everett, S., ed. Programs for the Gifted; a Case Book in  
Secondary Education. Harper and Row, 1961.

This volume presents ideas and programs for  
educating able youth at the secondary level.  
Each contributor differs as to how the  
gifted should be educated and the way in  
which democratic values should be implemented.  
Most of the contributors believe in the  
comprehensive school for all American youth,  
but with experimentation for determining  
grouping.

371.9  
EXC

Exceptional Children in Focus by J. S. Payne, et. al.  
Merrill, 1974.

Chapter 8 is entitled, "Giftedness." Includes  
chapter bibliographical references.

371.95  
FEN

Fenton, E., et. al. College/High School Cooperation:  
Instituting the Advanced Placement Program in Pittsburgh.  
1961.

Discusses and evaluates the programs in English and  
History between the Carnegie Institute of Technology  
and the Pittsburgh Public Schools.

371.95  
FIN

Fine, B. Stretching Their Minds; the exciting new approach to  
the education of the gifted child pioneered by the Sands  
Point County Day School. Dutton, 1964.

Discussion of a non-graded school geared entirely  
to the gifted, from nursery through high school.  
Includes description of various activities and  
programs offered.

371.95  
FLI

Fliegler, L. A. Curriculum Planning for the Gifted. Prentice-Hall, 1961.

Presents a functional curriculum approach for educating the gifted child, with major emphasis on how and what kinds of subject matter to provide. Areas included are social studies, mathematics, science, reading, creative writing, foreign languages, music, art and dramatics.

371.95  
FRE

French, J. L., ed. Educating the Gifted; a Book of Readings. Rev. ed. Holt, 1964.

Contains 43 articles. Topics discussed include:

1. Identifying characteristics.
2. Conditions productive of academic talent.
3. School provisions.
4. Underachievement.
5. Guidance.
6. Creativity.
7. Research and evaluation.

Indexed.

371.95  
GAL

Gallagher, J. J. The Gifted Child in the Elementary School. Association of Classroom Teachers, N. E. A., 1959.

Contains three sections:

"Who is a gifted child?"

"School programs for the gifted."

"Evaluation of programs."

Includes bibliographies.

371.95  
GAL

Gallagher, J. J., et. al. Productive Thinking of Gifted Children in Classroom Interaction. The Council for Exceptional Children, 1967.

Results and evaluation of an Illinois study which identified and classified productive thought processes of gifted children and their teachers, and examined relationships between those thought processes and six other variables. 176 junior and senior high school students were observed. Includes bibliographical references.

371.95  
GAL

Gallagher, J. J. Research Summary on Gifted Child Education. Department for Exceptional Children: Gifted Program, State of Illinois, 1966.

371.95  
GAL

Gallagher, J. J. Talent Delayed - Talent Defined: the Culturally Different Gifted Child; a conference report. Foundation for Exceptional Children, 1974.

Report on special problems and needs of gifted children from cultures different from "standard middle class." Emphasis placed on need for pluralistic educational program to match pluralistic American society.

371.95  
GAL

Gallagher, J. J. Teaching the Gifted Child. 2nd ed. Allyn and Bacon, 1975.

Section I: The gifted child and his school

Section II: Content modifications for ...

Section III: Stimulation of productive thinking

Section IV: Administration and training for ...

Section V: Special problem areas

Includes chapter annotated bibliographical references. Resources for information, materials, and assistance are given in the appendices.

Includes references and an index.

371.92  
GAR

Garrison, K. C. Psychology of Exceptional Children. 4th ed. Ronald Press, 1965.

Chapter 5 is entitled, "Gifted Children." Includes chapter bibliographical references.

371.953  
GEN

Gensley, J. T. Teaching Gifted Children Mathematics in Grades 4-6. California State Department of Education, 1974.

155.455  
GET

Getzels, J. W. and P. W. Jackson. Creativity and Intelligence. Wiley, 1962.

The focus of this study was the identification of two groups of students each exhibiting cognitive excellence - the one high intelligence but not concomitantly high in creativity, the other high in creativity but not concomitantly high in intelligence. The authors reveal their findings, conclusions, and recommendations after an intensive study of each pair.

371.102

TRA

Getzels, J. W. and Dillon, J. T. "The Nature of Giftedness and the Education of the Gifted." In R. M. W. Travers, ed. Second Handbook of Research on Teaching. Rand McNally, 1973.

The authors of this essay maintain that the rate quality of new discoveries will depend upon the people who can find and formulate the significant problems to be solved. Discovering a problem may be a more significant human achievement than finding the solution to the problem. They plead for distinction to be made between problem solving and problem finding.

371.95

WOR

Gibson, Joy and Chennels, Prue. Gifted Children; looking to their future. Latimer Dimensions, 1976.

371.95

GIF

Gifted and Talented: Developing Elementary and Secondary Programs. Edited by Bruce O. Boston. Council for Exceptional Children, 1975.

Bibliography: p. 41-45.

155.455

GOE

Goertzel, V. and M. G. Goertzel. Cradles of Eminence. Little, Brown and Company, 1962.

This is a study of parentage, education, early environments and childhoods of over four hundred eminent men and women of the twentieth century.

The patterns which emerged from the very beginning of the study - namely forms of creativeness - became more emphatically established, with the addition of each famous name. The findings provide counters to many assumptions about the nature of genius and creativity and about the kind of homes that produce them.

371.95

GOL

Gold, M. J. Education of the Intellectually Gifted. Merrill, 1965.

This book draws upon new studies in creativity, critical thinking, teaching of various school subjects, grouping, and acceleration to support a liberal approach to education concerned with the intellectual, both as a person and as a student. It also presents program patterns for the gifted and makes recommendations in major subject areas for curriculum and method. Includes bibliography.



371.95  
GOL

Goldberg, M. L. Research on the Talented. Teachers College, Columbia University, 1965.

"...compares some recent findings with those from past research; examines the extent to which current projects are seeking solutions to perennial problems...and reports efforts to study uncharted ground." (INTRODUCTION). Includes extensive bibliography.

371.95  
GOW

Gowan, J. C. and C. B. Bruch. The Academically Talented Student and Guidance. Houghton, 1970.

"...present varying points of view, research that bears upon the topic, and practices used to identify, educate, and counsel bright students." (Ed. introduction). Includes bibliography. Indexed.

371.95  
GOW

Gowan, J. C. and E. P. Torrance, eds. Educating the Ablest. Publishers, 1971.

A book of readings on the education of gifted children. It attempts to show how appraisal opportunities for the gifted in a school and how to develop comprehensive programs for fostering the gifts and talents of the entire student body.

371.95  
GOW

Gowan, J. C. and G. D. Demos. The Education and Guidance of the Ablest. Charles C. Thomas, 1964.

Starts by giving an earlier day look at status and programs for the gifted children. Besides covering history, it delves into the philosophy, objectives, characteristics, curriculum, guidance, administration and research for the gifted plus the inclusion of practical programs. Has nearly 2,000 citations in its bibliography.

153  
GOW

Gowan, J. C. The Guidance and Measurement of Intelligence, Development, and Creativity. 1972.

This is a book of readings, drawn from the collected papers of the author. These papers cover the mundane and superficial consideration of correlation between personality variables to a much deeper speculation on the synthesis of developmental stage theory.

371.9  
GOW

Cowan, J. C. and G. D. Demos and C. J. Kokaska. The Guidance of Exceptional Children. David McKay, 1972.

Chapter 2 is entitled, "The Gifted Child" and contains 6 articles.

780.72  
HAR

Hartshorn, W. C. Music for the Academically Talented Student in the Secondary School. National Education Association, 1960.

In this publication the author has suggested course content and developed a "guide for teaching" which makes a contribution to secondary school music education for the academically talented student as distinguished from the musically talented student. It is the authors premise that the lives of other students can be made richer through the understanding of good music.

155.455  
HAU

Hauck, B. B. and M. F. Freehill. The Gifted - Case Studies. W. C. Brown, 1972.

Contains 12 case studies of particular use in pre-service and inservice teacher training classes.

371.95  
HAV

Havinghurst, R. J. A Survey of the Education of Gifted Children. University of Chicago Press, 1955.

371.95  
CRE

Heist, P., ed. The Creative College Student: an Unmet Challenge. Jossey-Bass, Inc., 1970.

Contains 11 essays which discuss the education of young people identified as creative (regardless of their academic ability and talent). Attention is focused on the creative student and the shortcomings of the college. Problems are identified and "Solutions" for improvement are made. Includes annotated bibliography. Indexed.

371.95  
HEP

Heppell, H. M. Programs for the Gifted - Site Management. San Diego City Schools, 1974.

371.9  
HEW

Hewett, F. M. and S. R. Forness. Education of Exceptional Learners. Allyn and Bacon, 1977.

An introductory text which combines its discussion of exceptional children rather than devoting a chapter to each category. A particular category of exceptionality can be reviewed by using either the subject index or the index band system on

371.95

HIL

Hildreth, G. H. Introduction to the Gifted. McGraw Hill, 1966.

This book presents a comprehensive survey of developments through the years in the identification and appraisal of the bright and talented and various alternatives in educational adjustments for them. Consideration is given to the personal guidance of bright children with special problems, particularly the underachiever; to the special measures that must be taken to motivate and challenge the gifted in modern schools; to the nurturing of high creativity in promising young people.

371.953

HIL

Hill, Mary Broderick. Enrichment Programs for Intellectually Gifted Pupils. Department of Health, Education and Welfare, 1969.

ERIC Report: ED 035 575.

371.95

HOP

Hopkins, L. B. and A. F. Shapiro. Creative Activities for the Gifted Child. Lear Siegler/Fearon, 1969.

Describes more than one hundred enrichment ideas and activities for the academically talented. The activities encompass all fields - art, science, geography, social sciences, history, mathematics, political science, music, language arts, home economics, and physical education.

371.95

HYM

Hyman, Blumberg Symposium on Research in Early Childhood Education. Mathematical Talent: Discovery, Description, and Development. Ed. by J. C. Stanley, et. al. Johns Hopkins University Press, 1974.

Expanded version of a symposium of the American Association for the advancement of Science entitled "Discovering and Nurturing Precocious Talent in Math and Physical Science." Contains 9 articles. Includes article bibliographical references, and appendices.

371.95

IDE

Ideas for Urban/Rural Gifted/Talented; Case Histories and Program Plans. Ventura County Public Schools, 1977.

371.956

IND

Individualized Instruction for Gifted Students Using Computer Time - Share Systems. By Brent Banta, et. al. San Diego City Schools, 1974.

Includes discussion of use with business education, mathematics, natural science, english, foreign languages, music, art and social studies. Includes bibliography.

371.95

INT

The Intellectually Gifted. Porter Sargent Pub., n.d.

Contains 6 articles reprinted from Vol. III of Special Education for the Exceptional. Ed. by Frampton and Gall.

371.95

INT

The Intellectually Gifted; an overview. Edited by Wayne Dennis and Margaret W. Dennis. Grune and Stratton, 1976.

Includes six articles on the intellectually gifted child and lists agencies and periodicals for the gifted along with a bibliography.

371.9

JON

Jones, R. L., ed. Problems and Issues in the Education of Exceptional Children. Houghton, 1971.

Six articles are included in Part One on the Gifted. Includes chapter bibliographical references. Indexed.

371.95

JUN

Junior High School Principal's Association. Challenging Talented Junior High Youth; Analysis of Recent Writings, Talented Pupil Attitudes and Opinions, and Descriptions of Specific Units and Projects. The Junior High School Principals' Association and the Junior High School Association of Illinois, N.D.

Pertinent related and current literature, successful techniques of teacher challenge and pupil reactions constitute the essence of this document. Included are studies of junior high groupings of the gifted.

371.953  
KAP

Kaplan, S. N. Providing Programs for the Gifted and Talented: A Handbook. Ventura, California: Office of the Ventura Superintendent of Schools, 1974.

The purpose of this handbook is to present background information for the development of programs for the gifted and the talented, worksheets on which to apply information, and models which illustrates successful program ideas. This is a practical guide which indicated the things a reader must know and do in order to formulate a program.

371.95  
HYM

Keating, Daniel, ed. Intellectual Talent: Research and Development. Johns Hopkins University Press, 1976.

This volume is based on the 6th annual Hyman Blumberg Symposium on Research in Early Childhood Education. Most of the papers on intellectual talent deal with mathematically precocious youth. The first section concerns identification and measurement problems, the second deals with educational research programs, the third describes the psychological characteristics of highly gifted youth.

371.9  
KIR

Kirk, S. A. Educating Exceptional Children. 2nd ed. Houghton, 1972.

Chapter 4 is entitled "The Intellectually Gifted Child."

371.9  
KOU

Kough, J. Helping Students with Special Needs; Teachers Guidance Handbook, Volume II. Science Research, 1957.

The purpose of this volume is to help classroom teachers deal with youngsters who present problems in social and emotional development as well as with those who deviate widely in other respects. This volume is arranged so that the classroom teacher can turn readily to appropriate sections for help.

221

371.95  
KOU

Kough, J. Practical Programs for the Gifted. Science Research Association, 1960.

This is a reference book to help educators who wish to find ways to improve their schools' program for the gifted. Included within this reference book are descriptions of significant gifted child programs in various school systems.

371.95  
KRE

Kreuger, M. L. and Neuman, E., comp. Perspectives on Gifted and Talented Education: Arts and Humanities. Division of Gifted and Talented, ERIC, 1974.

This handbook is only a working draft. It contains a directory of each state's Arts and Humanities Council/Committee, the professional theater, music, art, dance, Gifted and Talented Co-Ordinators and Title III Co-Ordinators. Also, there are several articles included dealing with the gifted and talented student. Includes bibliography.

371.9  
KRO

Kroth, R. L. Communicating with Parents of Exceptional Children; Improving Parent-Teacher Relationships. Love, 1975.

371.95  
LAB

Labuda, M. Creative Reading for Gifted Learners: a Design for Excellence. International Reading Association, 1974.

A book of readings whose intent is to indicate both the nature of children who possess traits of giftedness and creativity and the comprehensive educational procedures required to meet their needs. Includes bibliography.

016.37195  
LAU

Laubenfels, Jean. The Gifted Student; an annotated bibliography. Greenwood Press, 1977.

371.956  
LOR

Lorch, M. M. An Outline for Teacher Performance Objectives for Secondary School Programs for Gifted Students. San Diego City Schools, 1972.

371.9  
DUN

Lucito, L. J. "Gifted Children," in Exceptional Children in the Schools. Ed. by L. M. Dunn. Holt, 1964.



371.953 \*  
MCE

McElroy, J. L. Guide for Developing Cluster Classes and Self-Initiated Studies - Secondary Gifted, Grades 7-12. San Diego, 1972.

371.95  
MCE

McElroy, J. L. Handbook for Principals and Teachers of Secondary Programs for the Gifted. San Diego City Schools, 1973.

371.95  
MAK

Maker, C. June. Training Teachers for the Gifted and Talented: a Comparison of Models. Council for Exceptional Children, 1975.

Bibliography: p. 57-58.

371.95  
MAL

Mallery, D. Imaginative Teaching in Elementary Schools; a Description of Programs Dealing with Gifted Children. Boston, Association of Independent Schools, 1962.

371.956  
MAL

Malone, C. E. In-Service Education and Teaching in the Secondary Gifted Program. San Diego City Schools, 1972.

371.95  
MAR

Marland, S. P. Education of the Gifted and Talented. Office of Education, 1971. 3v.

153.35  
MAR

Martinson, R. A. and M. V. Seagoe. The Abilities of Young Children. Council for Exceptional Children, 1967.

"...describes assessment of children's products from a wide variety of topics in art, music, writing, social studies, and science. Ratings by experts of the quality of the children's products are compared for 2 groups who differ in measured intelligence." (FORWARD) Includes bibliographical references.

371.9  
EXC

Martinson, R. A. "Children with Superior Cognitive Abilities," in Exceptional Children in the School: Special Education in Transition. 2nd ed. Ed. by L. M. Dunn. Holt, 1973.

Includes chapter bibliographical references and resources.

375  
MAR

Martinson, R. A., et. al. Curriculum Enrichment for the Gifted in the Primary Grades. Prentice-Hall, 1968.

The content and ideas for this book are based upon a long experience of statewide research, direct teaching of the gifted, teaching of teachers, and continuing study. The contents include many direct curriculum materials and ideas developed by teacher-students in special study groups and classes.

371.952  
MAR

Martinson, R. A. The Identification of the Gifted and Talented. Ventura California: Office of the Ventura County Superintendent of Schools, 1974.

This syllabus presents a rationale for the identification of gifted students, suggests appropriate identification procedures, and gives examples of materials used by various school districts. In addition, it contains research findings germane to effective identification and evaluations of authorities in the field. Includes bibliography.

371.952  
MAR

Martinson, Ruth A. The Identification of the Gifted and Talented. Council for Exceptional Children, 1975.

KIT  
371.953  
MAR

Maryland Department of Education. Maryland's Activities for Gifted and Talented Youngsters. Maryland State Department of Education, 1977.

371.95  
MAR

Maryland, S. P., Jr. Education of the Gifted and Talented. Office of Education, 1971. 3v. ERIC Report ED 056 244.

Background papers prepared in conjunction with the National Survey of the Gifted and Talented are presented as appendices to the study reported in ED 056243. Papers in Appendix A consider the characteristics of the gifted and talented the benefits of special programs, the cost of programs for the gifted, etc. Appendix B presents state laws for the education of the gifted, comparisons of gifted and average students in the Project Talent population and case studies from California, Connecticut, Illinois and Georgia.

371.422  
MIL

Miller, Leonard Michael. Guidance for the Underachiever with Superior Ability. U. S. Department of Health, Education and Welfare, Office of Education, 1961.

3400  
MCPS

Montgomery County, Md. Public Schools. Initial Report of the Task Force on the Gifted and Talented. 1975.

0600  
MCPS

Montgomery County, Md. Public Schools. Introduction of the Academically Gifted in Montgomery County Public Schools.

371.95  
MUN

Munsey, C. and O. Sanderlin. Resource Directory for Teachers of Gifted. San Diego City Schools, 1973.

Annotated list of educational resources.

371.95  
NAT

National Association for Gifted Children. Behavior Rates of Gifted and Regular Elementary School Children; reporting Current Research on Gifted Boys and Girls of Interest to Educational Institutions, 1969.

370.5  
NAT

National Association of Secondary School Principals. NASSP Bulletin: Bicentennial ed. March, 1976.

420.7  
NAT

National Council of Teachers of English. English for the Academically Talented Student in the Secondary School. National Education Association, 1960.

371.95  
NAT

National Education Association of the United States. Research on the Academically Talented Student. National Education Association, 1961.

This is a summery report of a conference held on academically talented. The report provides assistance to school personnel who are responsible for research on education of the academically talented youth. Basic assumptions and procedural safeguards are suggested with respect to design, a variety of procedure, and evaluation of data.

371.95  
NAT

National Society for the Study of Education. Education for the Gifted. NSSE, 1958.

This book is the third and final National Society for the Study of Education on the subject of "the desirability of providing opportunities for reasonable adaptations of curriculums and procedures of formal education to the capacities and gifted segments of the student population." Included are

eighteen academic articles by educators from various disciplines and levels. The articles are indexed by subject and author.

371.95

NEW Newland, T. E. The Gifted in Socioeducational Perspective.  
Prentice-Hall, 1976.

371.95

NOR North Central Association of Colleges and Secondary Schools.  
Working with Superior Students. Science Research  
Association, 1960.

Series of papers presented at conferences conducted  
by the NCA Project on Superior and Talented Students.

371.95

PAS Paschal, E. Encouraging the Excellent; Special Programs for  
Gifted and Talented Students. Fund for the Advancement  
of Education, 1960.

This 75 page report describes a number of programs  
intended to provide additional opportunities for the  
able student. The programs which are discussed in  
capsule form were funded by the Ford Foundation  
during the 1950's. Detailed information in individual  
programs is available from the participating  
institution. No index.

155.45

KIR Passow, A. H. and M. L. Goldberg. "The Gifted" in Behavioral  
Research on Exceptional Children by S. A. Kirk and B. B.  
Weiner. Council for Exceptional Children. NEA, 1963.

Chapter 1 of the above book.

371.95

PLA Passow, A. H., et. al. Planning for Talented Youth. Teacher's  
College, Columbia University, 1955.

371.95

PLU Plummer, Naomi R. Inservice programs for Teachers of Gifted and  
Talented Students in Elementary Schools as Reported by  
Selected Major Public School Systems in the United States.  
George Washington University, 1977.

This is a doctoral dissertation submitted to George  
Washington University by the author. This study  
describes and interprets inservice teacher training  
programs of the last four years (i.e. 1973, 1974,  
1975, 1976) for those persons who are educating  
gifted and talented students in elementary schools  
in selected major public school systems in the  
United States. At the end of this study, it  
contains 8 appendices including names and titles of  
8 experts consulted at the fourth National Summer  
Leadership Training Institute on the Education of

the Gifted and Talented, Questionnaires used in the study, etc.

371.95

PRI

Principles, objectives and Curricula for Progress in the Education of Mentally Gifted Minors - Kindergarten Through Grade 12.  
California State Department of Education, 1971.

This report defines the structure and substance of special educational provisions offered to California gifted children. Critical issues in the education of gifted are examined including both societal and school-related issues.

371.95

PRI

Pringle, M. L. Able Misfits: A Study of Educational and Behavior Difficulties of 103 Very Intelligent Children, IQ's 120-200.  
Longman, 1970.

This is an account of a study in non-technical language of a group of very intelligent children who had behavior and educational difficulties and who in many cases were not recognized as being able, either by their parents or by their teachers. A background is provided of the more general issues relating to learning, emotion, maladjustment and underachievement. Includes bibliography.

371.95

PUG

Pugliese, Anthony C. Education of the Gifted Child; a Review and Analysis of Recent Research Findings. Essence Publications, 1977.

371.95

RAP

Raph, J. B., et. al. Bright Underachievers; studies of scholastic underachievement among intellectually, superior high school students. Teacher College Press, 1966.

This study "concentrated on the assessment of various remedial procedures intended to improve the under-achiever's school performance." Underachievers from two high schools which differed from each other geographically, socioeconomically, and organizationally were surveyed. No easy answers to "why" or "how" were found. A review of the literature, interview questions, attitude inventories, and extensive bibliography and author/subject index are included.

371.953

REN

Renzulli, Joseph S. The Enrichment Triad Model: a Guide for Developing Defensible Programs for the Gifted and Talented. Creative Learning Press, 1977.

371.953

REN

Renzulli, J. S. A Guidebook for Evaluating Programs for the Gifted and Talented; working draft. Office of Ventura County Superintendent of Schools, 1975.

371.95

SCA

Renzulli, Joseph S., et. al. Scales for Rating: The Behavioral Characteristics of Superior Students. Creative Learning Press, 1976.

371.95

RES

A Resource Manual of Information on Educating the Gifted and Talented, edited by Bruce O. Boston. ERIC Clearinghouse and the Council for Exceptional Children, 1975.

Printed summary of up to date resources, including directories of federal, regional and state education agencies, parent and private sector resources. Listings of films, bibliographical resources and guides and seven brief articles by leaders in education of the gifted are included.

371.95

RIC

Rice, J. P. The Gifted: Developing Total Talent. Charles C. Thomas, 1970.

The scope of this text includes discussions of early childhood stimulation, the home environment, and the broad community support necessary for talent development programs. The author summarizes the basic ingredients of sound education programs for talent students. Program goals and student identification procedures are linked to evaluation processes. Includes bibliography.

301.427

ROS

Ross, A. O. The Exceptional Child in the Family; helping parents of exceptional children. Grune and Stratton, 1964.

Chapter VII is entitled, "The Gifted Child in the Family." An annotated bibliography is found on pages 215-16. Indexed.



371.95  
ROS

Ross, M. H. A Comparison of Programs for Reading Improvement for the Intellectually Superior Student. (Thesis Ed. D.) University of Maryland, 1970.

"...purpose was to determine of a program of corrective reading, presenting higher level reading skills, could be developed which would benefit the student of superior ability who scored below his expectancy level on vocabulary and reading comprehension achievement tests." (Abstract)

371.953  
SAN

Sanderlin, O. Teaching Gifted Children. A. S. Barnes, 1973.

The author discusses the widespread neglect of the gifted and talented. Besides discussing such topics as I. Q., intelligence, heredity, what can parents do, she goes on to discuss some of the special programs available today in the San Diego City schools well regarded gifted programs.

371.95  
SAT

Sato, I. S., Birnbaum, M. and LaCicero, J. E. Developing a Written Plan for the Education of Gifted and Talented Students. Ventura, California: Office of the Ventura County Superintendent of Schools, 1974.

This workbook was developed to facilitate the writing of plans that meet individual needs for the gifted and talented students. It is intended to be used as a framework upon which a comprehensive course of action can be built.

371.953  
SHE

Shelburne, C. C. Resource Handbook for Teaching Seminar Classes, Grades 7, 8, 9. San Diego City Schools, 1972.

371.95  
SHI

Shields, J. B. The Gifted Child. National Foundation for Education Research in England and Wales, 1968.

The authors attempt to perform two purposes. First, to bring together in a convenient form some of the findings of research studies of the gifted child. Second, to present the findings in such a way as to bring out their significance for teachers, students and parents.

155.455

SMI

Smith, D. C. Personal and Social Adjustment of Gifted Adolescents. Council for Exceptional Children, 1962.

The major purpose of this study was to evaluate the relative personal and social adjustment of adolescents of superior and average intelligence. A second goal was to insure that both subject groups were drawn from the same type of school environment. An attempt was made to employ a broader concept of positive adjustment of personality assessment. Includes bibliography.

371.95

HYM

Stanley, Julian, et. al, ed. The Gifted and the Creative; a fifty-year perspective. Johns Hopkins University Press, 1977.

155.455

STR

Strang, R. M. Helping Your Gifted Child. Dutton, 1960.

Discussing gifted children by age group the author shows through case histories that their gifts may lie in a variety of fields. Shows that gifted children came from all kinds of homes. Some needed control; others needed freedom. Some needed to be challenged; others are over-stimulated. Some are egotistical; others feel inferior.

155.45

CRU

Strang, R. "Psychology of Gifted Children and Youth," in Psychology of Exceptional Children and Youth. 2nd ed. Prentice-Hall, 1963.

Includes annotated chapter bibliographical references.

371.95

SUM

Sumption, M. R. and E. M. Luecking. Education of the Gifted. Ronald Press, 1960.

Based on experiences of authors; other teachers, supervisors, and administrators in working with programs for the gifted. Attempts to present objectively the information available at the time as to advantages and disadvantages of various kinds of educational organizations and practices in educating the gifted from elementary school through college. Intended for use by teachers-in-training and teachers. Includes chapter annotated bibliographies. Indexed.

371.95  
SYP

Syphers, D. F. Gifted and Talented Children: Practical Programming for Teachers and Principals. Council for Exceptional Children, 1972.

Examples of content, methods and various administrative procedures are given to show how principals can translate theory into practice. Emphasizes that programs for gifted children is one phase of providing for individual differences and not arrangement for giving special privileges to a few.

371.81  
TAN

Tannenbaum, A. J. Adolescent Attitudes Toward Academic Brilliance. Teachers College, 1962.

The book gives detailed answers in this report which explores and systematizes selected thoughts on the status of the intellect in the adolescent world; obtains new empirical evidence on adolescent attitudes toward academic brilliance; and identifies some possible influences on these attitudes.

371.9  
TEL

Telford, C. W. and J. M. Sawrey. The Exceptional Individual, Psychological and Educational Aspects. Prentice-Hall, 1972.

Intended as a survey of exceptional persons. Age range includes children, adolescents, and adults.

Chapter 5: The Intellectually Superior

Chapter 6: Creativity

Includes chapter bibliographies. Indexed.

371.95  
TEM

Tempest, N. R. Teaching Clever Children, 7-11. Routledge and Kegan, Paul, 1974.

371.95  
TER

Terman, L. E., ed. The Gifted Child Grows Up; 25 year follow-up of a superior group. Stanford University Press, 1947.

The most comprehensive of the 5 Volume series spanning 45 years of studying 1500 gifted California children. An authoritative source on the characteristics of the gifted (as defined by Terman). Includes extensive bibliographical references and appendices. Indexed.

371.95

TER

Terman, L. E., ed. The Gifted Group at Mid-Life: Thirty-five Years Follow-up of the Superior Child. Stanford University Press, 1959.

This is the fifth volume presenting results of the famous Stanford studies of gifted children. This book reports the 1950-55 follow-up of research program begun in 1921 by Dr. Terman when 1,500 intellectually superior children were selected for study with respect to their physical, mental and personality characteristics. Successive research was repeated on these gifted people at ten year stages in their development.

371.95

TER

Terman, L. M., ed. Mental and Physical Traits of a Thousand Gifted Children. 2nd ed. Stanford University Press, 1926.

Volume 1 of a monumental study. Comprehensive measurements show the group to be, on the average, more or less superior in educational achievement, health and physical development, and desirable personality traits, and to have a high percentage of famous relatives.

371.95

TOR

Torrance, E. P. Education and the Creative Potential. The University of Minnesota Press, 1963.

This is a collection of papers and studies which the author has presented before various groups dealing in the area of creativity and education. Part I deals with general problems of creativity whereas Part II devotes itself to exploratory studies.

371.95

TOR

Torrance, E. P. Gifted Children in the Classroom. Macmillan, 1965.

This book attempts to highlight some of the newer understandings about the nature of giftedness, the goals of educating gifted children, problems of identification and motivation, and development of giftedness during the preschool years. The materials presented are adaptable for use with all ages and in all areas of the curriculum.

155.455

TOR

Torrance, E. P. Guiding Creative Talent. Prentice-Hall, 1962.

Making use of recently developed scientific information this book shows how to identify and guide a wide range of creative talent to all age and educational levels. The author describes problems resulting from the expression as well as repression of creative abilities. The book illustrates how children maintaining creativity may alienate friends, diverge from sex norms, undertake dangerous tasks or develop neurotic conflicts.

155.4

TRA

Trapp, E. P., ed. Readings on the Exceptional Child; Research and Theory. Appleton-Century-Crofts, 1962.

Includes 4 articles on the gifted. (Pages 247-323) includes individual article bibliographical references. Indexed.

016.37195

UNI

U. S. Office of Education. State and Local Provisions for Talented Students; an annotated bibliography. U. S. Government Printing Office, 1966.

Section I: Materials on classroom practices

Section II: Materials relating to state, county, and local programs.

Section III: General materials indexed by subject and state.

371.9

MUS

Vaughan, M. M. "Music for the Gifted," in Music for the Exceptional Child comp. by R. M. Graham for the National Committee on Instruction. Music Education National Conference, 1975.

Includes bibliographical references, pp. 220-222,

371.953

WAL

Walker, V. Teaching Gifted Children Mathematics in Grades One Through Three. California State Department of Education, 1973.

371.95

WAL

Wallach, M. A. and C. W. Wing, Jr. The Talented Student:  
A Validation of the Creativity - Intelligence Distinction.  
Holt, 1969.

"...an investigation of talented accomplishments outside the classroom during the high school years and what they seem to imply about cognitive process." Intended for use by "...colleagues and students in psychology and education...and... (by) those who make and carry out student selection policy." The authors believe that "...the substantive contributions concerning the psychology of talent and actual practices concerning the selection of talented students for preferential treatment...need to be kept in close contact." (PREFACE) A detailed and scholarly discussion of the proposed distinction between high-IQ students and high creativity students.

371.95

WIL

Williams, J. C. Education of the Gifted and Talented: A Role  
for the Private Sector. Office of Gifted and Talented.  
U. S. Office of Education, 1974.

This is a result of a study to assess evolving priorities in education of the gifted and talented, as experts viewed the, especially with reference to the gifted disadvantaged, and to identify areas of greatest potential for investment by the private sector. The study provides guidance ranging from theoretical approaches to gifted education, to specific curricular needs.

371.95

WIT

Witty, P., et. al. Creativity of Gifted and Talented Children.  
Teachers College Press, 1959.

A series of papers delivered at a conference by Paul Witty, James B. Conant and Ruth Strang. The topics selected involved identifying the gifted developing creative of gifted children, and qualities in teachers which appeal to gifted children.



371.95  
WIT

Witty, P. A., ed. Reading for the Gifted and Creative Student.  
International Reading Association, 1971.

This booklet is designed to offer teachers and administrators a guide for identification of gifted and creative pupils. Suggestions for providing appropriate instruction, guidance, and experience in reading are also given.

KD:P-cS:cg  
6/26/78

- Adler, S. "Data Gathering: The Reliability and Validity of Test Data from Culturally Different Children." Journal of Learning Disabilities. Volume 6, Number 7. 1973, pp. 430-434.
- Ames, L. B. "Academic Promise in Negro Primary School Pupils." Journal of Learning Disabilities. Volume 1, Number 10. 1968, pp. 16-22.
- Babad, E.Y., and Budoff, M. "Sensitivity and Validity of Learning-Potential Measurement in Three Levels of Ability." Journal of Educational Psychology. Volume 66, Number 3. 1975, pp. 439-447.
- Backman, M.E. "Patterns of Mental Abilities: Ethnic, Socio-Economic and Sex Differences." AERA Journal. Volume 9, Number 1. 1972, pp. 1-12.
- Bartel, N.R., Grill, J.J., and Bryen, D.N. "Language Characteristics of Black Children: Implications for Assessment." Journal of School Psychology. Volume 11, Number 4. 1973, pp. 351-364.
- Bruch, Catherine B. "Assessment of Creativity in Culturally Different Children." Gifted Child Quarterly. Volume 19, Number 2. Summer 1975, pp. 164-174.
- The assessment of creativity and giftedness in culturally different or economically disadvantaged children is discussed in terms of cultural conditions, general measurement concern, and suggestions for improving creativity measurement in the culturally different.
- Chen, Jocelyn and Goon, Suzanne W. (U Connecticut) "Recognition of the gifted from among disadvantaged Asian children." Gifted Child Quarterly. Volume 20, Number 2. Summer 1976, pp. 157-164.
- Using the 6th grade of New York City schools with more than 10 per cent enrollment of Chinese pupils and a criterion of giftedness two years above grade level in reading and 1.5 years above in the Metropolitan Achievement Test mathematics section, a median incidence of giftedness was found of about 19 per cent compared with normal expectation of 4.75 per cent for these criteria.
- Cleary, T. Anne et al. "Educational Uses of Tests with Disadvantaged Students." American Psychologist. January, 1975, pp. 15-41.
- Report formulated in response to the manifesto seeking a moratorium on use of psychological and educational tests with the disadvantaged in the schools. Presentation of various issues related to the overall problem: definition of intelligence, theory of human abilities, test misuse and misinterpretation, "fairness" of tests in use, alternatives to commonly used intellectual tests and tests of qualities other than intelligence.
- Coletta, Anthony J. "Reflective and didactic styles for teachers of young, gifted and poor children." Gifted Child Quarterly. Volume 19, Number 3. Fall 1975, pp. 230-240.

The paper demonstrates how three different models, based on the work of Flanders, Gordon, and Bloom, can be combined to provide teachers with a workable framework for examining and improving their styles of interaction with young, gifted and poor children.

Deutsch, M. "The Role of Social Class in Language Development and Cognition." American Journal of Orthopsychiatry. Volume 25. 1965, pp. 78-88.

Drew, C. J. "Criterion-Referenced and Norm-Referenced Assessment of Minority Group Children." Journal of School Psychology. Volume 11, Number 4. 1973, pp. 323-329.

Dunn, B. J. "The El Monte Project for High Risk Talent Retrieval." Gifted Child Quarterly. Volume 16, Number 3. 1972, pp. 235-239.

Edwards, O.L. "Components of Academic Success: A Profile of Achieving Black Adolescents." Journal of Negro Education. Volume 45, Number 5. 1977, pp. 408-422.

Fitzgerald, Ellen J. ed. and Others. "The First National Conference on the Disadvantaged Gifted." Papers presented at the National/State Leadership Training Institute on the Gifted and the Talented. Ventura, California, March 1973.

Summarized are 19 presentations given at the first annual National Conference on the Disadvantaged Gifted held March 24-25, 1973. Emphasized is the effect of identification procedures, program provisions, and research and evaluation on 1) economically deprived gifted students, 2) culturally different gifted students, 3) female gifted students, and 4) gifted students in rural communities. Provided are summaries of papers by the following persons: A. Arnold, A. Baldwin, J. Ballinger and D. Schrencegost, E. Bernal, C. Bruch, T. Epley, P. Farrell, E. Fitzgerald, J. Gallagher, J. Gowan, A. Hatch, D. Jackson, M. Meeker, B. Mitchell and E. Dodson, S. Moreno, J. Renzulli, I. Sato, D. Sisk, and C. Stallings. Part I, on identifying the disadvantaged gifted student, gives summaries on three topical areas (administrative provisions for programs for the disadvantaged gifted and program adjustment for culturally different gifted) are summarized in part II. Provided in Part III are summaries of programs for the disadvantaged gifted and insights into the issues surrounding evaluation models and their implementation.

Fitzgibbon, Carol T. "The Identification of Mentally Gifted, 'Disadvantaged' Students at the Eighth Grade Level." Journal of Negro Education. Volume 43, Number 1. Winter 1974, pp. 53-66.

In an effort to develop a practical, fair method to identify gifted disadvantaged students, several selection methods were evaluated for identifying the top 2 per cent in ability from approximately 400 eighth grade students in an inner-city school. Screening measures used to select students to take the Wechsler Intelligence Scale for Children (WISC) were: a conventional group IQ test, the California Test of Mental Maturity; a 'culture-fair' intelligence test, the Raven Standard Progressive Matrices (SPM) and advanced Progressive Matrices (Adv SPM); the California Achievement Tests in mathematics and reading; and teacher nominations. Results indicated that an effective and fair procedure for identifying students in the top 2 per cent ability level would be to first administer the SPM to all students, then give the Adv SPM to any students who scored in the top 6 per cent on the SPM and to any students strongly recommended by parents or teachers, and finally administer the WISC to students whose Adv SPM scores were in the top half of the sample and students who scored in the top 2 per cent on the SPM. The top students on the WISC performance scale would be the gifted group. (LC)

Frierson, E. "Upper and Lower Status Children: A Study of Differences." Exceptional Children. Volume 32. October 1965, pp. 83-90.

Gallagher, J. J. "Talent delayed - talent defined: The Culturally different gifted child; a conference report." Foundation for Exceptional Children, 1974.

Report on special problems and needs of gifted children, cultures different from "standard middle class." Emphasis placed on need for pluralistic educational problem to match pluralistic American society.

Gallegos, Arnold M. "The Gifted Poor." Educational Leadership. Volume 30, Number 8. May 1973, pp. 749-753.

This article describes new efforts being made to identify and assist gifted poor children.

Gates, Judith Rae. "The bilingually advantaged." Today's Education. Volume 59, Number 9. December 1970, pp. 38-40, 50.

Gonzalez, Gustavo. (Center for Applied Linguistics, Bilingual-Multicultural Program, Arlington, VA) "Language, culture and exceptional children." Exceptional Children. Volume 40, Number 8. May 1974, pp. 565-570.

Discusses the means by which the science of linguistics contributes to the study of cultural diversity and the education of exceptional children. Language is a systematic and symbolic system of vocal sounds which is in a state of constant change. The ability to learn language (but not the specifics of any particular language) is innate in humans, and all languages and their variations are equally good. The role of linguistics in the educational assessment of culturally different children is emphasized. The linguistic and cultural biases of IQ tests, as well as the role of adaptive behavior and community acceptance in minority groups, are discussed. Note is made of the difficulty of identifying gifted children who are culturally different.

Grant, T. E. and Renzulli, J. S. "Identifying Achievement Potential in Minority Group Students." Exceptional Children. January, 1975.

Jaramillo, Mari L. (U. New Mexico, Coll. of Education) "Cultural conflict curriculum and the exceptional child." Exceptional Children. Volume 40, Number 8. May 1974, pp. 585-587.

Argues that the American educational system must be changed to reflect the growing recognition of the value of the many cultural groups in our society. It is stressed that the special education classroom teacher and the culturally different child both have important contributions to make in molding this new educational system. There is a growing need for teachers to realize the possibility of cultural conflicts between themselves and some of their students, to try to understand different cultures, and to use these differences to enrich the education of all their students.

Jordan, June B. "Foundation for exceptional children addresses the needs of the Culturally Different Gifted Child." Exceptional Children. Volume 40, Number 4. January 1974, pp. 279-283.

Reported are ideas, issues, and concerns discussed by 40 participants in a work conference on the culturally different gifted child in South Carolina, Sept. 1973.

The article considers the problem of educating highly gifted children (based on a recent Office of Education study) and concludes that unless they are encouraged by special programs and people their talents are often lost. Erroneous assumptions disproved by the study are that special programs for the gifted produce an arrogant elite and that gifted youngsters uniformly come from privileged backgrounds. Resolving the considerable tensions arising from being different and rejected is said to often lead the gifted child in conformity and repression of abilities. The author decries the low priority given to gifted children by both state and local systems of education. Of particular concern is the identification of gifted children from underprivileged backgrounds. Following are some of the proposals coming out of the study: The assigning of one full time staff member in each State Department of Education to programs for the gifted, the establishment of regional action teams, the formation of an institute of Career Education for the Gifted, apprenticeships, and better teaching training.

Malone, Charlotte E. (Western Behavioral Sciences Inst., San Diego, CA) "Potential abilities: to preserve and to enhance." Gifted Child Quarterly. Volume 19, Number 2. Summer 1975, pp. 161-163.

Describes a method of identifying nonwhite young gifted children through behavioral indices (the Behavioral Identification of Gifted-BIG). The BIG method employs CHAROSEL, a restricted computer program developed by the Navy to discriminate between any 2 or more dichotomies in a parameter.

Malone, Charlotte E. and Moonan, William J. (Western Behavioral Science Inst. La Jolla, CA) "Behavioral identification of a gifted child." Gifted Child Quarterly. Volume 19, Number 4. Winter 1975, pp. 301-306, 271.

Describes the use of biographical indices and the CHAROSEL computer program to identify disadvantaged minority primary children in an urban school for giftedness.

Milgram, Roberta M. and Milgram, Norman A. "Personality Characteristics of Gifted Israeli Children." Journal of Genetic Psychology. Volume 129, Number 2. December 1976, pp. 185-194.

Two groups of Israeli boys and girls in grades 4-8, one group of 182 intellectually gifted with a mean WISC IQ of 140, and one group of 310 non-gifted, were compared on several indices of personal-social adjustment.

Oakland, T. "Assessing Minority Group Children: Challenge for School Psychologists." Journal of School Psychology. Volume 1, Number 4. 1973, pp. 294-303.

Passow, A. Harry. "The Gifted and the Disadvantaged." National Elementary Principal. Volume 51, Number 5. February 1972, pp. 24-31.

Some of the special problems of students who are gifted but disadvantaged because of discrimination and neglect are discussed.

Auisenberry, Nancy L. "Developing Language Fluency in the Gifted Culturally Different Child." Gifted Child Quarterly. Volume 18, Number 3. pp. 175-179.

Culturally different gifted children need continuing opportunities to develop oral language fluency. Educators should be aware of normal stages in the child's language development (such as temporary tendencies to overgeneralize irregular nouns and verbs) and should not expend undue effort correcting apparently ungrammatical dialectal forms that are used by adults in the child's home environment. (LH)

Renzulli, J. S. "Identification of Talent Potential Among the Disadvantaged." Contemporary Education. Volume 42. January 1971, pp. 122-125.

Renzulli, Joseph S. "Talent potential in minority group students." Exceptional Children. Volume 39, Number 6. March 1973, pp. 437-444.

Pointing out the nature and scope of talent loss among low socioeconomic and minority group members, the author identifies and explores some of the issues in a retrieval of talent potential.

Riessman, F. "The Culturally Deprived Gifted." New York: Harper and Row, Inc., 1962.

Sato, Irving S. "The culturally different gifted child -- the dawning of his day?" Exceptional Children. Volume 40, Number 8. May 1974, pp. 572-576.

The article discusses the educational needs of the culturally different gifted child who shows potential for outstanding achievement in any area of human endeavor.

Smilansky, Moshe and Nevo, David. "A Study of the Disadvantaged." Educational Forum. Volume 39, Number 3. March 1975, pp. 273-294.

Authors analyzed the process of modernization as an answer to the basic question of how to plan and develop educational policies for the culturally disadvantaged.

Snow, Albert J. "Ethno Science and the Gifted in American Indian Education." Gifted Child Quarterly. Volume 21, Number 1. Spring 1977, pp. 53-57.

Ethno-science, discussed in this article may be a helpful tool in science education, in overcoming the problems of divergent cultures in contact and in identifying gifted American Indian children.

Solomon, Anita O. "Analysis of Creative Thinking of Disadvantaged Children." Journal of Creative Behavior. Volume 8, Number 4. October 1974, pp. 293-294.

Analysis of data on 722 children in first, third and fifth grades of selected elementary schools in the District of Columbia indicates that, on typical tests of intelligence, disadvantaged children perform in a superior manner over advantaged children in many areas of creative thinking in the early years of school, particularly at the third grade level. (Author/GW)

South, Jean-Anne. "Gifted Children among Minority Groups: A Crying Need for Recognition." Top of the News. Volume 28, Number 1. November 1971, pp. 43-46.

Author points out that there are too few teachers and librarians geared to serving the ghetto children who might have the spark of genius.



Stock, Gary C. "A Follow-up Study of the Success of Students in the Georgia Talent Search Project FAIT, Final Report." Office of Education (DHEW), Washington, D.C. Bureau of Research, October, 1970.

The Georgia Talent Search Project FAIT (Find and Inform Talent) was established in 1966 to identify academically able but financially needy students in Georgia secondary schools. Students identified by guidance counselors were informed by FAIT personnel of the availability of funds for higher education. A source book containing pertinent information on each student was sent to all post-secondary schools in Georgia and contiguous states to encourage institutions to recruit disadvantaged students. This study examines the 2,777 graduated FAIT students. A questionnaire sent to a representative sample of the 57.5 per cent reportedly enrolled in some type of post-secondary institution elicited responses from 41.4 per cent. Among the results, it was found that sex and race were related to continuation of a student's education; white FAIT students and male FAIT students were more likely to attend. White FAIT students tended to enroll in public 4-year schools while black FAIT students enrolled generally in private 4-year colleges. Financial aid was received by 50 per cent; 57 per cent of the blacks and 31 per cent of the whites reported difficulty in securing aid.

Sullivan, Allen R. "The Identification of Gifted and Academically Talented Black Students: A Hidden Exceptionality." Journal of Special Education. Volume 7, Number 4. Winter 1973, pp. 373-379.

The article discusses that the identification and education of gifted and academically talented black students requires that teacher-training programs make sure that trainees are aware of and can handle their racial attitudes and behaviors.

Thomas, Susan B. "Neglecting the Gifted Causes Them to Hide Their Talents: Let's Stop Short-changing our Gifted Children." Gifted Child Quarterly. Volume 17, Number 3. February 1973, pp. 193-198.

Examined are causes of negative self concept, in many gifted children, programs for disadvantaged gifted children, and the trend toward more research for the gifted. Seen as the main reason for gifted children's frustrations and retreat from performance is the public school concept of providing a homogeneous (equal) education for all children. Cited as examples of programs specifically designed to retrieve disadvantaged gifted children are the Retrieval and Acceleration of Promising Young Disadvantaged Children (RAPYD) program and the Higher Horizons Project. Recommended is updating of J. Gallagher's 1966 summary of research on the gifted. (MC)

Tisdall, William J. "A Residential High School for Gifted Disadvantaged Students." Education Digest. February 1969, pp. 40-43.

Torrance, E. Paul. "An Alternative to Compensatory Education." Educational Horizons. Volume 50, Number 4. Summer 1972, pp. 176-182.

Describes how disadvantaged children can be given a chance at academic success through development of their creative talents.

Torrance, E. Paul. "Are The Torrance Tests of Creative Thinking Biased Against or in Favor of Disadvantaged Groups?" Gifted Child Quarterly. Volume 15, Number 2. Summer 1971, pp. 75-80.

The Torrance Tests of Creative Thinking (1966), deliberately designed to include as stimulus materials only things thought to be common to all children or strange to all children, are discussed in terms of whether, in practice, they are biased in favor of or against children from disadvantaged or culturally different groups. Reviewed are 12 studies which have investigated the question in terms either of race or socioeconomic status or both. In most cases there were no differences between black and white children on any of the measures and no consistent patterns in the relationships between socioeconomic status and the measures of creative thinking. It is pointed out that the life experiences of disadvantaged children prepare them for creative achievement, but creatively gifted disadvantaged children must be given the opportunity to develop their potentialities. (KW)

Torrance, E. Paul. "Assessment of Disadvantaged Minority Group Children." School Psychology Digest. Volume 2, Number 4. February 1973, pp. 3-10.

Discussed are approaches to assessment of disadvantaged minority children that school psychologists can use to improve services. Cited among tests that seem to have no racial or socioeconomic biases are the Torrance Tests of Creative Thinking and the Alpha Biographical Inventory. Noted is the research of S. Houston on Black English. It is maintained that students should be assessed on the basis of abilities valued in their subculture. Described as two approaches to development of culturally biased tests are item purging, seen in a recent revision of the Stanford-Binet (ABDA), and constructing tests such as the Black Intelligence Test of Cultural Homogeneity (BITCH-100) that favor disadvantaged minority groups. Given to show needed examiner skills are examples of using observational skills, looking for abilities rather than disabilities, and discovering the superior performance of disadvantaged black children over white gifted children in producing ideas such as the use of junk automobiles. It is suggested that school psychologists make valid assessments of nontest situation behavior.

Torrance, E. Paul. "Creative Positives of Disadvantaged Children and Youth." Gifted Child Quarterly. Volume 13, Number 2. 1969, pp. 71-81.

Torrance, E. Paul. "Differences are not Deficits." Teachers College Record. Volume 75, Number 4. May 1974, pp. 471-487.

Discussed are issues in the identification and provision of special services to culturally different gifted children. It is recommended that alternative programs first find out the existing skills of the students and then integrate these skills into the educational setting. Teachers are encouraged to have students teach them skills developed in the students' subculture. Reviewed are four stages in attitudes of educators toward gifted disadvantaged from recognizing no gifted disadvantaged children through seeing the gifted disadvantaged as rare but important and valuing different kinds of giftedness to the author's identification of creative positives more likely to be found among the disadvantaged. Noted are differences of the culturally different gifted from children traditionally identified as gifted such as lower socioeconomic background and a preference for group activities. Listed are 18 creative positives such as the ability to express feelings and emotions and the ability to improvise with common-place materials. Described is a current intervention program for disadvantaged gifted children which has guidelines such as clear structure with flexibility and opportunities to be rewarded for solving problems. The author concludes that new programs for black disadvantaged children should focus on the creative strengths of black children and emphasize the use

of the arts. It is thought that a special program can provide a bridge to enable the gifted disadvantaged to compete with more advantaged children. It is thought that a variety of administrative arrangements would be suitable for special programs for culturally different children. (DB)

Torrance, E. Paul. "Finding Hidden Talents Among Disadvantaged Children." Gifted Child Quarterly. Volume 12, Number 3. 1968, pp. 131-137.

Torrance, E. Paul. "Non-Test Indicators of Creative Talent Among Disadvantaged Children." The Gifted Child Quarterly. Volume 17, Number 1. Spring 1973.

The article follows up on the creative positives introduced in a presentation before the Southeastern Conference on Measurement in Education. Torrance gives a checklist of non-test indicators of creative positives among disadvantaged children. The Checklist is designed to be used in selecting, guiding, and encouraging creatively gifted disadvantaged children.

Torrance, E. Paul. "Readiness of Teachers of Gifted to Learn from Culturally Different Gifted Children." Gifted Child Quarterly. Volume 18, Number 3. Autumn, 1974, pp. 137-142.

The author emphasizes the importance that teachers learn something from culturally different gifted children. Presented some exploratory data author did in 1973, at Southeastern Regional Conference on the Gifted, about the readiness of teachers to learn from culturally different gifted students.

Torrance, E. Paul. "Training Teachers and Leaders to Recognize and Acknowledge Creative Behavior Among Disadvantaged Children." Gifted Child Quarterly. Volume 16, Number 1. Spring 1972, pp. 3-10.

Reported were the results of a workshop designed to train teachers and leaders to recognize, acknowledge, and develop talent or creative behavior among disadvantaged children and to encourage positive group behavior in small, racially integrated groups. Ninety-one children (age range 6 to 13 years), involving 51 blacks and 40 whites, participated in a 3-week creativity workshop and were tested periodically for their creativity levels. Results of the Torrance Tests of Creative Thinking indicated that the children made significant gains in their ability to produce original ideas on a standardized test of creative thinking. The children's general creative behavior and the teachers' role in recognizing and developing the children's creative behavior were also found to improve.

Torrance, E. Paul. "What Gifted Disadvantaged Children Can Teach their Teachers." Gifted Child Quarterly. Volume 17, Number 4. Winter 1973, pp. 243-249.

Listed and described in case summaries are examples of direct and indirect teaching used by 75 Black and white disadvantaged children, 6 to 13 years of age, with 55 teachers in a creativity workshop in 1973. Teachers are reported to have listed an average 8.75 direct learning experiences such as how to climb a tree, and 9.72 indirect learning experiences such as how to listen more and talk less. Included among cases showing teaching ability of the children is the approach of 11-year-old Tami who used sequential strategies, contingent praise, and anticipation to teach her teacher to crochet complicated stitches. Teachers of gifted, disadvantaged, and gifted/disadvantaged children are urged to acknowledge and use the superior abilities of their students to ward off destructive "attacks" of hostility. (MC)

Negro and Caucasian 4-18 year olds (N-300) made moral and achievement evaluative judgments in 16 situations. The situations differed according to the intent (effort) and ability of the person being judged, and in the objective consequences of the behavior. Analyses of variance reveal that the three evaluative dimensions of intent, ability, and outcome were used systematically in both achievement and moral appraisal. Further, there were highly significant age trends. In both the achievement and the moral conditions, subjective intent replaced objective outcome as the main determinant of judgment. However, after the age of 12 years, in the achievement context objective outcome again became the more important determinant of evaluation. It is contended that society reinforces this more "primitive" developmental stage. The sequence of evaluative stages in the moral and achievement situations was identical across racial and sex groupings. Data strongly support the position that achievement strivings are maintained primarily by social reward, while moral behavior is controlled primarily by social punishment.

#### ERIC Documents

- ED 082 425 Baldwin, Alexinia. Instructional Planning for Gifted Disadvantaged Children. 1973.

Discussed is instructional planning for gifted disadvantaged children with emphasis on appropriate teaching strategies and learning activities.

- ED 078 006 Barnes, E. I.Q. Testing and Minority School Children: Imperatives for Change. 1973.

- ED 090 743 Bernal, Ernest M., Jr. Analysis of Giftedness in Mexican American Children and Design of a Phototype Identification Instrument. 1974.

The monograph describes how cultural community based definitions of giftedness were obtained in survey interviews with 300 Mexican Americans in three Texas cities and incorporated into a behaviorrating scale and an adjectival scale (for parents) to identify the gifted children in Kindergarten - Grade 3. Included are a summary of techniques for identifying gifted minority children.

- ED 091 411 Bernal, Ernest M., Jr. Gifted Mexican American Children: An Ethnico-Scientific Perspective. 1974.

Results and descriptions of an exploratory study designed to develop an instrument to identify gifted Mexican-American children are presented.

- ED 090 321 Brazziel, William F. High IQ Minority Children. 1974.

Author points out the fact that more and more minority children are making higher test scores. The real challenge to parents,

teachers and society, is the full development of high IQ minority children and gifted children from poverty families.

- ED 084 727 California State Department of Education. Culturally Disadvantaged Underachieving Mentally Gifted Minors: A Report to the California Legislature.

The report to the state legislature examines the status of culturally disadvantaged-mentally gifted minors in California. It provides data on the following: number of pupils identified during 1969-70 school year as culturally disadvantaged, underachieving gifted minors (408 pupils), school districts that maintained special or regular day classes for them (37 school districts), and projects for the number of those children expected to be identified (4,540 pupils).

- ED 094 633 Chavis, John. Programs for the Academically Talented Black Student. A Survey of Programs in Historically Black Colleges. 1973.

This paper points out that those who are young, gifted and black have neither been observed nor served to any appreciable extent. Author recommends that institutions that serve black students collect and study data on this segment of the student population so that unique needs may be identified and met. A 28-item bibliography is included.

- ED 111 922 Cooke, Gwendolyn J. Guidance Services for Gifted Disadvantaged Children and Youth. 1974.

Various existing enrichment programs for gifted disadvantaged students, along with resources such as a list of materials providing financial assistance information are presented.

- ED 139 226 DeMonbreun, Carole. Early Identification and Intervention of the Culturally Different Gifted in an Urban Environment. 1977.

Discussed are issues in the identification of culturally different gifted children in urban areas, with particular emphasis on the state policy in Georgia. Considered are the need for earlier identification to prevent a decline in academic achievement, the definition and criteria for gifted children according to Georgia State policy, varieties of identification measures, and questions to consider when building identification and special education programs for culturally different gifted children.

- ED 052 403 Exceptional Children Conference Papers: Gifted and Developmental Potential in Women and the Disadvantaged. 1971.

This is the first of four papers dealing with gifted and developmental potential in women and the disadvantaged. In this paper, Alexinia Y. Baldwin describes a curriculum package entitled Ecology: the Web of Life, designed for high potential students from low socioeconomic backgrounds.

- ED 141 981 Frasier, Mary M. Help for Organizing Productive Experiences (HOPE) for the Culturally Diverse Gifted and Talented. 1977.



Positive approaches to the administration and management of programs for culturally diverse gifted and talented children are suggested. Teaching dimensions for this population are identified, and curriculum planning and teaching strategies are considered.

- ED 148 038 Hilliard, Asa G. III. Alternative to IQ Testing: an Approach to the Identification of Gifted "Minority" Children. Final Report. San Francisco State University. California. 1976.

The final report addresses the problems involved in identifying gifted minority children. Described is the revision of a pre-screening instrument containing items on P. Torrance's checklist for creativity. A final section considers the implications of behavioral style on education for the gifted.

- ED 018 505 Karnes, Merle B. and Others. Culturally Disadvantaged Children of Higher Potential: Intellectual Functioning and Educational Implications. Springfield, Illinois. September 1965.

To determine educational needs of culturally disadvantaged children, 202 children in the top 20 per cent in intellectual ability within a disadvantaged group of 1400 in six elementary schools were selected for study. Subjects ranged from 5-7 to 10-12 in age, from kindergarten to grade 6, and had a mean Binet IQ of 113. Analysis of data indicated that, of the 85 white and 118 Negro children, 120 were in the upper-lower socioeconomic status group (SKES) and 83 were in the lower-lower. The subjects consistently rated below the upper 20 per cent of the general population on intelligence, psycholinguistic abilities, and achievement. SES was correlated with intelligence and with elaborateness (creativity), but the Illinois Test of Psycholinguistic Abilities subscales on auditory vocal association, visual motor association, and visual motor sequential were a function of race rather than SES. Children's perceptions of peer acceptance, and children's extrapunitive behavior were related to SES. Differential relationships in older and younger children were found with attitudes of fathers and mothers, and with children's reactions to frustration. Negro children did not feel well accepted by peers or parents, and their parents expressed more authoritarian controlling attitudes (but not more hostile rejecting attitudes) than Caucasian parents. Impunitive children tended to score higher on creativity than extrapunitive or intrapunitive children.

- ED 080 583 Sleager, Rodney and Fitz-Gibbon, Carol. Mentally Gifted Disadvantaged Students: An Investigation of Methods of Identification, including The Use of "Culture Fair" Tests, at the Eighth Grade Level, Final Report.

The aim of this investigation was to develop a justifiable and efficient procedure for locating the top two percent of the eighth grade students in an inner-city junior high school. The WISC performance IQ was chosen as the criterion measure. Four screening measures were used to select students for the WISD: an achievement test (the California Achievement Test



1970 reading and mathematics), a conventional IQ test (the California Test of Mental Maturity short form 1963), a "culture fair" test (Raven's Standard Progressive Matrices) and teacher nominations. Students scoring in the top two percent of the sample on one or more of these measures took the Advanced Progressive Matrices and the WISC. The top nine students on the WISC performance scale were designated mentally gifted. Since four of the nine gifted students were not nominated by any teacher, the use of teacher nominations is not recommended except as a supplement to objective tests. A procedure involving the use of the SPM followed by the APM is recommended for selecting students for the WISC. This procedure would have identified eight of the nine gifted students in this study, and would have required the administration of only WISCs.

ED 073 582 Stallings, Clifford. Gifted Disadvantaged Children. 1972.

Presented are guidelines to help teachers effectively identify and educate gifted students from urban environments.

ED 145 621 Torrance, E. Paul. Discovery and Nurturance of Giftedness in the Culturally Different. 1977.

Discussed in the monograph are methods for identifying and developing programs for culturally different gifted students. The important issues and trends associated with the discovery and nurturance of giftedness are considered. A final section focuses on alternative programs, approaches, and additional general guidelines for discovering and nurturing giftedness.

ED 075 462 Torrance, E. Paul et al. Identification of Gifted and Creative Children and Youth Among Black Disadvantaged Groups. 1972.

A symposium/workshop presented by the Bi-Racial Identification Committee deals with the identification of the gifted and creative among black disadvantaged groups. The presentations were: 1) "Creative Positives of Black Disadvantaged Children" by E. Paul Torrance; 2) "Creativity As It is Related to Expanding Education Opportunities" by Walter R. Jacobs, Jr.; 3) "Creative Explorations at the Eighth Grade Level" by Gwendolyn Howard; 4) "Initial Returns from a Biographical Interview Schedule" by Robert Westcott; and 5) "The ABDA: Making the Stanford Binet Culturally Biased for Disadvantaged Black Children" by Kay Bruch.

"The engrossing story of two children, Rabbit and Tia whose powers of extra-sensory perception make them outcasts in a primitive missile-base community descended from the survivors of the Great Destruction of the twentieth-century civilization." Booklist, June 1, 1973, pg. 947.

Houseman, Laurence. The Rat-Catcher's Daughter; A Collection of Stories. Atheneum, 1974. 169 p. \$6.95. Batab No. 024435961.

Frye Readability Level - 7  
Twelve stories are included.

Hunter, Mollie. Haunted Mountain. Harper & Row, 1972. 125 p. \$3.95. Batab No. 015020120.

Frye Readability Level - 7

"A story of the Scottish Highlands today which mingles the legends and haunting atmosphere of a long ago time. MacAllister was so stubborn he felt he had a right to use his own fields as he wanted. But the Skeelie Woman warned him that his "Goodman's Croft" belonged to the sidhe - the "Good People" - and he must not court their terrible revenge. What happens when he does just this makes a strong and exciting tale." Elementary School Library Collection, 11th edition, pg. 364.

Hunter, Mollie. Kelpie's Pearls. Harper & Row, 1976. 1964. 134 p. \$3.95. Batab No. 00653337X.

Frye Readability Level - 8

"The story of how Morag Macleod came to be called a witch is a queer one, but her adventures with the kelpie and the misdoings of Alasdair the Trapper when he tried to get her pearls out of the lake are queerer still. A real spell-binder." Elementary School Library Collection, 11th edition, pg. 364.

Hunter, Mollie. Stranger Came Ashore. Harper & Row, 1975. 163 p. \$5.95. Batab No. 035543833.

Frye Readability Level - 7

"On the night of a wild storm in the Shetland Islands, a stranger comes to the Henderson's close to Black Ness. Slowly Robbie, the youngest, realizes the stranger is not a shipwrecked sailor but the Great Selbie, Master of the Seal Folk. With the help of Garl Corbie, the school teacher and a wizard, he musters all the ancient magic taught him by his grandfather to counteract the evil designs against his sister Janet and send him back to his kingdom under the sea. Elementary School Library Collection, 11th edition, pg. 364.

Hunter, Mollie. Walking Stones. Harper & Row, 1970. 143 p. \$5.95. Batab No. 002360004.

Frye Readability Level - 7

"Three men come into the green Highland Glen to build a great hydroelectric dam. But the Bodach had foretold their coming and he and young Donald combine their great powers to assure that the dam did not operate until the time was right - when the great stones walked." Elementary School Library Collection, 11th edition, pg. 364.

Hunter, Mollie. The Wicked One: A Story of Suspense. Harper and Row, 1977. \$5.95. Batab No. 543579220.

"Colin Grant's bad temper attracts the Grollican, an equally ill-natured being from the Otherworld. Despite exhaustive efforts, the man finds it almost impossible to shake his monster-burden." ALA Notable Children's books.

Jansson, Tove. Finn Family Moomintroll. H.Z. Walck, 1958. 170 p. \$5.95.  
Batab No. 000132276.

Frye Readability Level - 7

"When the first snow fell in the valley of the Moomins, the whole family went to sleep for the winter; and when the first cuckoo arrived at 4 o'clock one morning, they woke up. The adventures of this queer little family center around the Hobgoblins' tall black hat." Elementary School Library Collection, 9th edition, pg. 377.

Jansson, Tove. The Summer Book. Pantheon, 1975. 167 p. \$6.95. Batab No. 542814331.

"A lyrical and evocative adult book with appeal for all ages. It is a story of summers shared by two singularly whimsical people - a child and her grandmother." Horn Book, August 1975, pg. 403.

Jones, Adrienne. The Mural Master. Houghton Mifflin, 1974. 249 p. \$5.95.  
Batab No. 024485462.

"Because 'young's got magic/young's got heart/also courage/also smart' Carrie and her cousin Digby, Tonio the story-teller, and Leo Lopopolo 'the son of kings,' are captured and taken off to a strange and evil land by the Mural Master, Til Pleeryn." Elementary School Library Collection, 9th edition, supplement, pg. 53.

Jones, Diana Wynne. Dogsbody. Greenwillow Books/Morrow, 1977. \$6.95. Batab No. 543578828.

"His power circumscribed by the physical limitations of his dog's body, the exiled Dog Star Sirius struggles to aid the daughter of an Irish political prisoner and to complete the perilous quest of his own. Unusual seriocomic science fantasy." ALA Notable Children's Books.

Juster, Norton. The Phantom Tollbooth. Random House, 1961. 255 p. \$4.76.  
Batab No. 000132500.

Frye Readability Level - 6

"Milo is both bored and lazy. He receives a tollbooth as a gift and finds that it admits him to a land where many adventures take place - words are sold in the market place and a spelling bee buzzes around the castle in the air." Elementary School Library Collection, 9th edition, pg. 378.

Kendall, Carol. The Gamage Cup. Harcourt, Brace and World, 1959. 221 p. \$6.50.  
Batab No. 000207683.

Frye Readability Level - 7

"The minnipins live lives of isolation and conformity. When their enemies The Hairless Ones threaten them, however, they are saved by a few village 'Characters' who show real initiative and daring." Elementary School Library Collection, 9th edition, pg. 379.

Kendall, Carol. Whisper of Glocken. Harcourt, Brace and World, 1965. 256 p.  
\$5.95. Batab No. 000107441.

"Another fantasy about the Minnipins or small ones who dwell in the Land between the mountains." Children's Catalog, 1971, pg. 421.

Key, Alexander. Flight to the Lonesome Place. Westminster Press, 1971. 192 p.  
\$4.95. Batab No. 011281235.

Frye Readability Level - 6

"Ronnie Cleveland or the incredible Blue Boy, alias Ron McHenry; are names of a young boy with a memory bank for a mind." Elementary School Library Collection, 11th edition, pg. 366

Key, Alexander. The Forgotten Door. Westminster Press, 1965. 126 p. \$5.95.  
Batab No. 004328566.

Frye Readability Level - 6

"Little Jon stumbles in the dark and falls through a door where no door had ever been before. Gradually the reader realizes that Little Jon is a visitor from another planet. The family who take him in is friendly but reaction of the mountain community to his different characteristics, especially his ability to read minds, gives a vivid picture of our stereotyped attitudes toward people who are different." Elementary School Library Collection, 9th edition supplement, pg. 53.

Langton, Jane. The Astonishing Stereoscope. Harper and Row, 1971. 240 p. \$4.95.  
Batab No. 012449466.

Frye Readability Level - 6

"Eleanor and Eddy live with their Uncle Freddy, a famous transcendentalist, and their Aunt Alex who can't cook. When Eleanor and Eddy cause a terrible accident to happen to Uncle Freddy's star pupil, they both become very concerned about ideas like Heaven and Hell and Original Sin." Elementary School Library Collection, 9th edition, pg. 382.

Lanier, Sterling E. War for the Lot. Follett, 1969. 256 p. \$4.98. Batab No. 005409632.

Frye Readability Level - 6

"Young Alec who is spending the summer with his grandfather on his Connecticut farm, discovers that he can hear and understand the speech of the Woodland animals. Then he finds he has been selected to lead the animals in war against the deadly enemy - the rat colony of the town dump." Elementary School Library Collection, 9th edition, pg. 382.

LeGuin, Ursula K. The Farthest Shore. Atheneum, 1972. 223 p. \$6.95. Batab No. 01641943X.

"When an unknown evil force upsets the balance of nature in the kingdom of Earthsea, Arren and the Archmage Sparrowhawk set out on a terrifying journey to discover the roots of impending chaos." Children's Catalog, 1973 supplement, pg. 56.

LeGuin, Ursula K. The Tombs of Atuan. Atheneum, 1972. 163 p. \$6.50. Batab No. (pb) 54381811X.

"Taken from her family at the age of six, Tenar had given up her own identity to become the high priestess of a cult devoted to the dark and ancient powers of the Earth." Junior High School Catalog, 1975, pg. 414.

LeGuin, Ursula K. Wizard of Earthsea. Parnassus Press, 1968. 205 P. \$6.50. Batab No. 010417960.

Frye Readability Level - 7

"The boy Sparrowhawk slowly and painfully achieves his ambition to become a wizard. His preparation by the Master Wizard, rigorous training at the school for Wizards, and encounters with the evil Shadow make an enthralling story." Elementary School Library Collection, 9th edition, pg. 382.

L'Engle, Madeleine. Wind in the Door. Farrar, Straus, 1973. 211 p. \$4.95. Batab No. 019491484.

Frye Readability Level - 7

"Meg becomes very concerned over Charles Wallace's problems in adapting to school life. The precocious little boy is not only disliked and bullied by his playmates but his health is deteriorating. When he insists that there are 'dragons in the twins' garden' she investigates and finds the other alien creatures, as well." Elementary School Library Collection, 9th edition, pg. 382.

L'Engle, Madeleine. Wrinkle in Time. Farrar, Straus, 1962. 211 p. \$5.95. Batab No. 005048605.

Frye Readability Level - 5

"Meg and her friends are spirited to another world by three extraterrestrial beings where they find her father and undergo many adventures and terrors before they free him." Elementary School Library Collection, 9th edition, pg. 382.

Lewis, C.S. Horse and His Boy. Macmillan, 1954. 191 p. \$4.95. Batab No. 000293067.

"Shasta the boy and Bree the talking horse plan to escape from Calormen to the magical land of Narnia. On the way they are joined by a runaway girl and her own talking horse." Children's Catalog, 1971, pg. 426.

Lewis, C.S. The Last Battle. Macmillan, 1956. 174 p. \$4.95. Batab No. 000228141.

"This tale concerns Jill and Eustace the children from beyond the World's end, who come to the aid of young King Tirian in Magical Narnia's last battle with the evil Calormens. King Tirian is overcome but his prison becomes a paradise." Children's Catalog, 1971, pg. 426.

Lewis, C.S. The Lion, the Witch, and the Wardrobe. Macmillan, 1951. 154 p. \$4.95. Batab No. 000167827.

Frye Readability Level - 6

"Deals with the struggle between good and evil, which started when Narnia was new and animals talked. Peter, Susan, Edmund, and Lucy find their way into a magic land by going through the back door of a wardrobe." Elementary School Library Collection, 9th edition, pg. 383.

Lewis, C.S. Magician's Nephew. Macmillan, 1955. 167 p. \$4.95. Batab No. 000362778.

"With Digory and Polly we are taken back to the dawn of Narnian time and the day when beasts first talked, which was also the day when people from our world first went into Narnia." Children's Catalog, 1971, pg. 426.

Lewis, C.S. Prince Caspian. Macmillan, 1951. 186 p. \$4.95. Batab No. 000188042.

"In this fantasy, the four English children return to Narnia and with the help of the great lion Aslan, overthrow the evil Telmarines, save Prince Caspian from his murderous uncle, and restore Caspian, the rightful king to the throne." Children's Catalog, 1971, pg. 426.

Lewis, C.S. The Silver Chair. Macmillan, 1953. 208 p. \$4.95. Batab No. 000353450.

"Eustace and Jill are seeking Kilian, the missing son of King Caspian, in the magic land of Narnia. In their search, the children encounter talking owls, marsh-wiggles, underworld earthworms, a witch, and even a centaur." Children's Catalog, 1971, pg. 426.

Lewis, C.S. The Voyage of the Dawn Treader. Macmillan, 1952. 210 p. \$4.95. Batab No. 000378461.

"A fantasy of two boys and a girl on the adventure aboard Prince Caspian's magic ship that takes them passed islands and sea monsters to the imaginative land of Narnia." Children's Catalog, 1971, pg. 426.

Lightner, Alice M. Day of the Drones. Norton, 1969. 255 p. \$4.51. Batab No. 000516088X.

Frye Readability Level - 7

"N'Gobi of Africa is an outcast, a golden skinned person in a land of ebony people. He is also talented in the care and use of machinery. When an expedition is organized to explore the dangerous lands around Africa, N'Gobi is allowed to go as pilot of the worn-out helicopter left by the ancient ones." Elementary School Library Collection, 9th edition, pg. 383.

Lively, Penelope. Driftway. Dutton, 1972. 140 p. \$5.95. Batab No. 02172153X.

Frye Readability Level - 6

"Paul deeply resents his new stepmother. Convinced that the police are chasing him because of a misunderstanding in a store, he drags his little sister along as he runs away to his grandmother's. His route takes him along an old Driftway, an ancient English road parallel to the main highway. In his distress he is able to overhear ordinary people along the Driftway in former times." Elementary School Library Collection, 9th edition, pg. 384.

Lively, Penelope. House in Norham Gardens. Dutton, 1974. 154 p. \$6.50. Batab No. 51598132X.

Frye Readability Level - 6

"Clare is an English schoolgirl who lives with two very old maiden aunts in a vast Victorian house. There are also two boarders, an Africa student and Maureen who works in a shop. Among the clutter Clare finds a gaudy shield brought back from New Guinea by her anthropologist great-grandfather. As she searches for



information about the shield it begins to assert a disturbing power over her, causing wild dreams. The personal relationships and the different layers of time make this a rewarding tale for the special reader; by a Carnegie Medal winner." Elementary School Library Collection, 11th edition, pg. 373.

Lively, Penelope. Whispering Knights. Dutton, 1976. 160 p. \$5.95. Batab No. 037233432.

"Susie, Martha and William didn't believe in witches, but the witches' brew they concocted as an experiment succeeded in bringing the evil presence of Morgan LeFay into their small village. Gradually the children and the village are harrassed in terrifying ways, until the children and the "Whispering Knights" succeed in battling Morgan LeFay off--for the time being." Elementary School Library Collection, 11th edition, pg. 373.

Linn, Janet. Twin Spell. Harper and Row, 1969. 158 p. \$3.95. Batab No. 005389429.

Frye Readability Level - 7

"Dollis had been outgrown by the twins Jane and Elizabeth for a long time. Then for some reason they can't understand, the twins buy an antique doll which they see in a shop window. Thereafter, the girls experience several painful accidents and the doll seems to bridge the present and the past." Elementary School Library Collection, 9th edition, pg. 385.

Maiden, Cecil. A Song for Young King Wencelas. Addison-Wesley, 1969. 1/3 p. \$5.50. Batab No. 006639488.

"'Good King Wencelas went Out' begins the popular Christmas Carol. And this is the story of the fourteen-year-old youth who was the real king and now he became king. He had many faithful friends but also powerful enemies - his own mother, the evil but beautiful Dromira, his brother Bouslai, and the witch Gamman." Elementary School Library Collection, 9th edition, pg. 386.

Mayne, William. Earthfasts. Dutton, 1966. 154 p. \$5.95. Batab No. 542814323.

Frye Readability Level - 6

"As David and Keith watched at twilight, the earth on the hill before them heaved and swelled and from the ground Nellie Jack John, the drummer-boy, emerged holding a steady cold white-flamed candle. Two hundred years before Nellie Jack had gone into the dungeon of the castle seeking King Arthur." Elementary School Library Collection, 9th edition, pg. 387.

Mayne, William. A Game of Dark. Dutton, 1971. 143 p. \$4.50. Batab No. 011780290.

Frye Readability Level - 6

"A story on two planes - the realistic world in which Donald Jackson is frustrated by his cold and pious father and the world of fantasy in which as 'Jackson' he serves as squire to Breakbane, lord of the village." Elementary School Library Collection, 9th edition, pg. 387.

McCaffrey, Anne. Dragonsinger. Atheneum, 1977. \$7.95. Batab No. 544553640.

"This detailed science fantasy invites the reader into the world of gifted, headstrong Menolly as she pursues her musical studies and struggles to gain acceptance in the Harper Hall. A sequel to Dragon Song." ALA Notable Children's Books.

Newman, Robert. Boy Who Could Fly. Atheneum, 1967. 121 p. \$4.50. Batab No. 00398883X.

Frye Readability Level - 6

"Mark and Joey are two brothers who go to spend a year with their aunt and uncle in a suburban town, after their mother and father both die. Naturally they are very close, but Mark feels he must take particular care of Joey. Not just because he is much younger but because he is very 'special'." Elementary School Library Collection, 9th edition, pg. 392.

Newman, Robert. Merlin's Mistake. Atheneum, 1970. 237 p. \$4.95. Batab No. 005883350.

Frye Readability Level - 6

"On his sixteenth birthday, Brian is determined to leave his castle home and go on a quest. When Tertius comes along, a bit younger than Brian, they decide to go together. But any journey with Tertius is full of complications, because Tertius is Merlin's Mistake." Elementary School Library Collection, 9th edition, pg. 392.

Newman, Robert. Shattered Stone. Atheneum, 1975. 231 p. \$4.95. Batab No. 03411436X.

Frye Readability Level - 6

"Neva and Ivo who had lived all their lives in the strange enchanted forest under the watchful eyes of Mistress Sylvia and Jartan set forth on a quest. They have wanted to learn more of the world outside this forest; first Ivo helps Ronno the fox and that leads to the coming of Prince Liall, who is curious about Neva. Their quest leads them to explore the problem of why people and nations cannot live in peace together. How can we help solve this problem?" Elementary School Library Collection, 11th edition, pg. 382.

Newman, Robert. Testing of Tertius. Atheneum, 1973. 186 p. \$5.95. Batab No. 018829198.

Frye Readability Level - 6

"When the great Merlin is put under a deep sleeping spell by Ulrik the Black - a wizard from the Urals - the responsibility of dealing with this evil, breaking the spell and saving Arthur rests on Tertius." Elementary School Library Collection, 9th edition, pg. 392.

Nichols, Ruth. Marrow of the World. Atheneum, 1972. 168 p. \$5.25. Batab No. 016439805.

Frye Readability Level - 6

"Linda and her cousin Philip find that an ancient ruined castle is visible beneath the waters of the Canadian lake where they are summering. But how can this be? When they go out to investigate at night, they find themselves 'captured' by another world." Elementary School Library Collection, 9th edition, pg. 392.

Nichols, Ruth. Walk Out of the World. Harcourt, Brace and World, 1969. 192 p. \$5.95. Batab No. 00539452X.

Frye Readability Level - 7

"Tobit and Judith, a brother and sister who are very close, walk into another world. There they are chosen to lead the people of the Wanderer on the march to regain their ancient capitol city." Elementary School Library Collection;

North, Joan. The Light Maze. Farrar, Straus, 1971. 185 p. \$4.50. Batab No. 011604646.

"Two years after the event, Tom Nancarrow's wife Sally and daughter Harriet have stopped wondering how he mysteriously disappeared. It is not until Sally's godchild Kit comes to visit that a clue is unearthed. The clue is connected with the lore of an ancient Lightstone." Junior High School Catalog, 1975, pg. 420.

Norton, Andre. Dragon Magic. Crowell, 1972. 213 p. \$5.95. Batab No. 014997711.

Frye Readability Level - 4

"A puzzle, discovered in an old house, brings four boys together as they attempt to unwind the mystery of the dragons portrayed in the puzzle. Each boy as he fits in the pieces is carried back into a legend in the times of Sigurd, Daniel, Arthur and Liu Pei, of the house of Han." Elementary School Library Collection, 11th edition, pg. 383.

Norton, Andre. Abide Monsters. Atheneum, 1973. 215 p. \$5.95. Batab No. 542814307.

Frye Readability Level - 6

"Nick Shaw knows that many strange disappearances have occurred on the shortcut to the lake; in spite of that he volunteers to guide Linda the newcomer. As he goes ahead on his motorbike, he hits something, blacks out, and when he awakens they find themselves in another time and place. They have been catapulted into space time of Avalon and King Arthur and eventually have to choose between the believers and the unbelievers." Elementary School Library Collection, 9th edition supplement, pg. 56.

Norton, Andre. Lavendar-green Magic. Crowell, 1976. 241 p. \$5.50. Batab No. 542814293.

Frye Readability Level - 6

"Holly and the twins Judy and Crock must move to their grandparent's home, when their father is reported missing in action. Rural, rundown 'Dimsdale Place' turns out to be a home in a barn with an overgrown garden, herbs, and a mystery. They are transported back into colonial times and take part in a struggle between two witches, one good and one bad." Elementary School Library Collection, 9th edition supplement, pg. 56.

Norton, Andre. Red Hart Magic. Crowell, 1976. 179 p. \$5.95. Batab No. 543503518.

Frye Readability Level - 7

"Chris Fitton and Nan Mallory really don't consider themselves "a family," even though Nan's mother had married Chris' father. They each have serious problems, especially in school, where Chris is being blackmailed by three bigger boys and three girls try to trick Nan into joining their shoplifting sprees. When Chris buys a model of the Red Hart Inn, they travel back in time to the 17th century where they deal with problems which help them solve their 20th century values and relationships. Elementary School Library Collection, 11th edition, pg. 383.

Norton, Mary. Are All the Giants Dead? Harcourt; Brace, Jovanovich, 1975. 123 p. \$5.95.

Frye Readability Level - 5

"James and his bridge to adventure, Mildred, go off together to the land where the fairy-tale characters still live. He meets Jack-and-the-Beanstalk and Jack-the-Giant-Killer, now old men, and Dulcibel who has lost her golden apple and must marry the frog, as well as Beauty and her Beast, now "in the prime of life". An enchanting story, perfectly illustrated with horrendous giants, which provides an interesting follow up of your favorite story-book characters. Elementary School Library Collection, 11th edition, pg. 383.

Norton, Mary. The Borrowers. Harcourt, Brace and World, 1953. 180 p. \$5.50. Batab No. 000073288.

Frye Readability Level - 6

"A charming story of the tiny people no taller than a pencil who live in a quiet old country house and 'borrow' the things they need which we human beings have let fall through the cracks of the floor." Elementary School Library Collection, 9th edition, pg. 393.

Parker, Richard. Spell Seven. Nelson, 1971, 127 p. \$5.95. Batab No. 013933396.

Frye Readability Level - 4

"Norman receives a conjuring set for his birthday present but little sister Caroline breaks the wand. The replacement she buys turns out to be real and it works seven spells a day. What happens to their ordinary family as a result makes a hilarious tale of mix-ups and nonsense." Elementary School Library Collection, 11th edition, pg. 386.

Parker, Richard. Time to Choose. Harper and Row, 1974. 151 p. \$5.79. Batab No. 024482722.

Frye Readability Level - 6

"Stephen and Mary, classmates in school, on two occasions when they are not together, find themselves looking out over the English landscape and seeing an area that is quite different from their meandering river valley. They also overhear conversations between another boy and girl and later discover that they look like themselves. As they pass back and forth between the two parallel worlds they realize that they must eventually choose which world to stay in." Elementary School Library Collection, 9th edition supplement, pg. 56.

Pearce, Ann Philippa. Tom's Midnight Garden. Lippincott, 1958. 229 p. \$5.25. Batab No. 000059188.

Frye Readability Level - 5

"Tom prowls through his relative's home at night and discovers a Victorean garden where none exists in the day. There he meets Hatty, who grows older as the story progresses." Elementary School Library Collection, 9th edition, pg. 395.

Preussler, Otto. The Satanic Mill. Macmillan, 1973. 250 p. \$5.95. Batab No. 018867952.

"As a result of a dream, repeated three times, fourteen-year-old Kramat is apprenticed to the miller of Schwarzkollm - who actually runs a school in black magic." Elementary School Library Collection, 9th edition supplement, pg. 57.

Raskin, Ellen. Figgs and Phantoms. Dutton, 1974. 152 p. \$5.95. Batab No. 024483539.

Frye Readability Level - 6

"A fantastic story about a fantastic family: Sister Figg Newton, tap dancer and baton twirler (mother); Truman, the human pretzel (uncle); Romulus, the walking book of knowledge, and Reums, the talking adding machine." Elementary School Library Collection, 9th edition supplement, pg. 57.

Rogers, Mary. Freaky Friday. Harper & Row, 1972. 145 p. \$5.95. Batab No. 015020207.

Frye Readability Level - 6

"Annabel Andrews, thirteen-years-old, is a mess and she's suddenly been forced to recognize this awful truth. One morning, after a particularly harrowing fight with her mother, she writes "When I woke up this morning, I found I'd turned into my mother." This book is the story of her day in her mother's body and the traumatic results for everyone in her family and circle of friends and acquaintances. Funny - but also searing. Top notch pre-teen story." Elementary School Library Collection, 11th edition, pg. 391.

Sawyer, Ruth. Enchanted Schoolhouse. Viking Press, 1956. 128 p. \$4.95. Batab No. 000223921.

Frye Readability Level - 5

"An Irish boy captures a wee fairyman, puts him in a teapot, and brings him to Maine. The magic they perform surprises all the children. Elementary School Library Collection, 11th edition, pg. 394.

Sendak, Jack. Magic Tears. Harper & Row, 1971, 58 p. Batab No. 01244961X.

Frye Readability Level - 4

"Yanos wants above all to be a hunter. In his dreams (or is it a dream?) he travels into an enchanted land. There he meets Maryo the magician, Senta the wolf, and Chardi of the magic tears. A high fantasy in which good and bad are camouflaged and choice of the good is difficult." Elementary School Library Collection, 11th edition, pg. 395.

Sleator, William. Among the Dolls. Dutton, 1975. 70 p. \$6.95. Batab No. 543451402.

Frye Readability Level - 6

"Vicky was bitterly disappointed when her parents gave her an antique dollhouse for her birthday present. But she becomes fascinated with the dolls and makes them do many things. Then one day she finds herself inside the dollhouse, reduced to their size, and the dolls' slave." Elementary School Library Collection, 11th edition, pg. 396.

Sleator, William. House of Stairs. Dutton, 1974. 169 p. \$5.95. Batab No. 024483974.

"In this wierd and terrifying combination of space and framework, five sixteen-year-old orphans were confined and subjected to the torture of conditioning." Horn Book, August, 1974, pg. 386-387.

Smith, Agnes. Edge of the Forest. Westwind Press, 1959. 202 p. \$6.11 Batab No. 542814277.

"Once upon a time during the early days of summer, in an edge of The Young Woods near the grasslands, a leopardess was lying in a patch of pale sunlight, watching her three kittens play: And/so begins a very special fantasy in which a black lamb, a white owl, a herd of deer, and a mouse are the main characters." Elementary School Library Collection, 9th edition supplement, pg. 58.

Snyder, Zilpha Keatley. Below the Root. Atheneum, 1975. 231 p. \$7.50. Batab No. 543495329.

Frye Readability Level - 7

"Raamo lives in the land of Green-Sky where his people, the Kindar, live in enormous trees flying back and forth with the help of a silken garment with wings. He is chosen one of only two young people to be apprentice leaders. As he goes through his year of training, he discovers that the leaders are deceiving the people, keeping an approaching calamity from them. In a sequel And All Between (Atheneum, 1976 \$6.95) Erda, a child of the people banished to the caverns under the earth, escapes. She joins Raamo, his sister Pomma, and two of his friends to finally win the fight against the leaders. For the special reader." Elementary School Library Collection, 11th edition, pg. 398.

Snyder, Zilpha Keatley. Black and Blue Magic. Atheneum, 1966. 186 p. \$5.95. Batab No. 004709144.

Frye Readability Level - 7

"A very funny story about Harry Houdine Marco who is given a liquid which enables him to grow wings and fly." Elementary School Library Collection, 9th edition, pg. 403.

Snyder, Zilpha Keatley. The Headless Cupid. Atheneum, 1971. 203 p. \$4.95. Batab No. 542814269.

Frye Readability Level - 7

"Amanda turns out to be a 'student of the occult' and she decides to put all the children through a series of tests and the rites of initiation." Elementary School Library Collection, 9th edition, pg. 444.

Snyder, Zilpha Keatley. Truth About Stone Hollow. Atheneum, 1974. 211 p. \$6.95. Batab No. 024436127.

Frye Readability Level - 6

"Neither Amy nor any of her schoolmates dare to visit Stone Hollow because they think it is haunted. But when the strange boy Jason Fitzmaurice moves to Taylor Springs, she finds that he had visited it right away. They go together not once, but many times." Elementary School Library Collection, 9th edition, pg. 404.

Snyder, Zilpha Keatley. Witches of Worm. Atheneum, 1972. 183 p. \$6.25. Batab No. 016421493.

Frye Readability Level - 7

"Jessica is left alone - deserted by Brandon, her only friend, and by her mother who works all day and in the evening goes out with her newest boy friend. She finds - and is forced to adopt - a kitten which she names Worm." Elementary School Library Collection, 9th edition, pg. 404.



Stearns, Pamela. Into the Painted Bear Lair. Houghton Mifflin, 1976. 153 p. \$4.95. Batab No. 543508897.

Frye Readability Level - 6

"In an opening very much like The Lion, the Witch and the Wardrobe, Gregory nonchalantly opens the door to a playhouse which certainly says "Keep Out", and finds himself in the sitting room of a large and courteous bear. Bear however wants to eat him, because he respects Gregory's courage and quick wit. Gregory meets Sir Rosemary, a knight in armor who is the epitome of a liberated woman, and has many adventures before he gets back to the restaurant where his mother is having tea." Elementary School Library Collection, 11th edition, pg. 399.

Steele, Mary Q. First of the Penguins. Macmillan, 1973. 154 p. \$4.95. Batab No. 022548947.

Frye Readability Level - 6

"After their adventures were all over thirteen-year-old Jim wondered if it had all been imagination. Freaky things always happened when he was with his friend George. These adventures started when George decided they should find the first of all the penguins. Where - at the North Pole? in the jungle? with the dinosaurs? Although the search ends tragically, this is a story of humor, compassion and fantasy." Elementary School Library Collection, 11th edition, pg. 399.

Stewart, Mary. Ludo and the Star Horse. Marrow, 1974. 191 p. \$2.95. Batab No. 02877504X.

Frye Readability Level - 6

"Ludo lives in a small Bavarian mountain town, he helps with the herds and envies his father's ability as a wood-carver and carpenter. Their old horse Renti is too old to work much longer. One night during a fierce snow storm, the horse bolts and runs up the mountain. When Ludo follows, they find themselves in a magic country where The Archer (a centaur) rules. The Archer sends Ludo and Renti on a journey through each of the "houses" of the Zodiac until Renti reaches the Chariot of the sun and Ludo returns home. By the author of the novels, The Crystal Cave and The Hollow Hills." Elementary School Library Collection, 11th edition, pg. 400.

Sutcliffe, Rosemary. Warrior Scarlet. Walck, 1958. 207 p. \$6.00. Batab No. 000209090.

Frye Readability Level - 8

"Drem, a Bronze Age boy in Britain, must kill a wolf single-handed in order to win the 'Warrior Scarlet', the symbol of manhood. But his crippled arm makes this difficult." Elementary School Library Collection, 9th edition, pg. 407.

Sutcliffe, Rosemary. Witch's Brat. H.Z. Walck, 1970. 143 p. \$5.50. Batab No. 542814250.

Frye Readability Level - 8

"Lovel, hunch-backed and orphaned, is driven away from his home in a village of twelfth-century England. He finds refuge at a Minster where his friends are the old Monk, Brother Anselm in the infirmary and the King's Jongleur Rahere." Elementary School Library Collection, 9th edition, pg. 407.

Swahn, Sven Christer. The Island Through the Gate. Macmillan, 1974. 183 p. \$4.95.

"After drifting through gate-like rocks, Michael finds himself in a completely alien-culture." Horn Book, April, 1974, pg. 154.

Thurber, James. Great Quillow. Harcourt, Brace and World, 1944. 54 p. \$6.50. Batab No. 000164933.

Frye Readability Level - 8

"Quillow the toymaker saves the town and his neighbors from the plunderings and blunderings of the giant Hunder, in spite of the fact that he is the smallest man in town." Elementary School Library Collection, 9th edition, pg. 408.

Thurber, James. Many Moons. Harcourt, Brace, Jovanovich, 1943. \$4.95. Batab No. 00020420X.

Frye Readability Level - 5

"Princess Lenore says she will recover from her illness if she is given the moon. Only the Court Jester is wise enough to solve this problem." Elementary School Library Collection, 11th edition, pg. 403.

Tolkien, J.R.R. The Hobbit. Houghton Mifflin, 1938. 315 p. \$5.95. Batab No. 000265004.

Frye Readability Level - 5

"In this story of a quest for gold, Bilbo Baggins, a home loving little hobbit becomes involved with a wizard, dwarfs and a dragon. He has many exciting adventures in 'dungeons deep and caverns old', but does finally become an 'Expert Treasure Hunter'." Elementary School Library Collection, 9th edition, pg. 409.

Tournier, Michel. Friday and Robinson; Life on Speranza Island. Knopf, 1972. 118 p. \$5.99. Batab No. 018000029.

Frye Readability Level - 7

"Using the familiar outline of the Robinson Crusoe story the plot develops further both physically and psychologically. After imposing command over his island domain, Robinson by degrees sees his authority slip away as he subconsciously absorbs Friday's native skills. How the two change places and values makes a fascinating modernization of the old story. Elementary School Library Collection, 11th edition, pg. 404.

Travers, P.L. Mary Poppins. Harcourt, Brace and World, 1962. 206 p. \$5.95. Batab No. 003979431.

Frye Readability Level - 6

"Introducing Mary Poppins the nursemaid who was blown in by the East Wind. She, Jane and Michael Banks go on funny magical excursions." Elementary School Library Collection, 9th edition, pg. 409.

Watson, Sally. Magic at Wychwood. Knopf, 1970. 127 p. \$5.99. Batab No. 4168.

Frye Readability Level - 7

"A spoof on the Arthurian world of chivalry using all the stereotyped characters and events focussed around a thing that goes bump in the night, a wicked fairy, Professor Crumbwell, and Wychwood Castle. Mixed-up magic in a tongue-in-cheek style. Elementary School Library Collection, 11th edition, pg. 10.

Wesbe, Barbara. Let Me Fall Before I Fly. Alhambra, 1971. 11 p. \$3.95. Batab No. 011609362.

Frye Readability Level - 7

"Because the child's parents are normal, ordinary parents they cannot understand why he protests so strongly about leaving for a vacation at the shore. They have never seen the wee circus with people two inches high or less. The circus remained at the edge of the yard and the child watched daily performances put on just for him. When he returns after the vacation all has been destroyed by a storm. The circus lot is under a puddle of water. But the boy with his great love of the circus people eventually locates them." Elementary School Library Collection, 11th edition, pg. 410.

White, T.H. Sword in the Stone. Putnam, 1939. 311 p. \$6.95. Batab No. 004424832.

Frye Readability Level - 6

"This story is based 'more or less' on Malory's The Morte d' Arthur. King Arthur (called the Wart) is taught as a boy by Merlyn the magician and learns many lessons you don't have in school today." Elementary School Library Collection, 9th edition, pg. 413.

Williams, Jay. Hawkstone. H.Z. Walck, 1971. 141 p. \$5.50. Batab No. 542814242.

Frye Readability Level - 6

"When you live in a small-town-rural Connecticut, are about twelve-years-old and find an ancient Indian stone that has magic-like properties recreating history of the past 200 years -- it all makes sense." Elementary School Library Collection, 9th edition, pg. 415.

Williams, Jay. Hero from Otherwhere. H.Z. Walck, 1972. 175 p. \$5.50. Batab No. 017994284.

Frye Readability Level - 8

"Since Rich and Jesse had been enemies from Jesse's first day at junior high school, no one was surprised when they got in a fight on Halloween. The boys were sent to see the principal, but when they entered his office they found themselves in a completely different world." Elementary School Library Collection, 9th edition, pg. 415.

Williams, Ursula Moray. Castle Merlin. Nelson, 1972. 142 p. \$5.95. Batab No. 01639335X.

Frye Readability Level - 7

"Susie, a rather spoiled but very determined child, arrives late from London for a holiday at Castle Merlin, an ancient British home which provides opportunity for children to relive some of the life of the Middle Ages." Elementary School Library Collection, 9th edition, pg. 415.

Williams, Ursula Moray. Three Toymakers. Nelson, 1971. 156 p. \$3.95. Batab No. 012039756.

Frye Readability Level - 7

"The three toymakers are old Peter the master, his apprentice-partner Rudi, and the evil Malkin who can only make dolls which are cruel jokes." Elementary School Library Collection, 9th edition, pg. 416.

Williams, Ursula Moray. Tiger Nanny. Nelson, 1974. 128 p. \$5.95. Batab No. 025751166.

Frye Readability Level - 7

"The zoo's tiger cub who wants nothing more than to be a nanny creates world-wide headlines with the position she secures as nurse for the four children of a movie actress. Similar in theme to Peter Pan and Mary Poppins, but set in today's world." Elementary School Library Collection, 9th edition supplement, pg. 60.

Wojciechowska, Maia. Through the Broken Mirror with Alice. Harcourt Brace Jovanovich, 1972. 125 p. \$5.95. Batab No. 015017583.

Frye Readability Level - 6

"Alice is thrown out of a foster home -- for the twelfth time -- on a bleak Sunday in Harlem. With a copy of Alice in Wonderland (borrowed from the library only the day before) she wanders through a strange fantasy - land peopled by the White and Black Queens, the Black Crow, Tweedledum and Tweedledee and Mr. Dumptree. She finally sees how to cope with the harsh world in which she must live, in this story which reveals as much about the white world of today as it does of the world of Harlem." Elementary School Library Collection, 9th edition supplement, pg. 416.

Wrightson, Patricia. Nargun and The Stars. Atheneum, 1974. 184 p. \$6.95. Batab No. 024435880.

Frye Readability Level - 6

"Simon Brent, newly orphaned, goes to live with two cousins whom he had never known before. They live on a isolated 5,000 acre sheep farm run in the outback of Australia. As he comes to terms with himself and with the strange country in which he must live, he meets the Potkoorok who lives in the swamp and the Turongs who live in the trees. Gradually everyone becomes aware that there is a menacing presence on the mountain -- an enormous rock which moves and crushes everything with its evil intent. How he and the two old people and the mythical creatures join forces to conquer this evil makes a memorable story that is a mixture of fantasy, a fight for survival and geological history." Elementary School Library Collection, 11th edition, pg. 414.

Yolen, Jane. Transfigured Hart. Crowell, 1975. 86 p. \$5.95. Batab No. 035394420.

Frye Readability Level - 7

"Richard, an introspective boy recuperating from serious illness, and Heather, a neighbor girl, both see a white hart in Five Mile Wood. Richard is sure that the hart is a unicorn and convinces Heather of his belief. The two children watch in enchanted woods and long for the unicorn, determined to save it from the hunters. The tale exerts a special spell on the imagination of the reader." Elementary School Library Collection, 11th edition, pg. 415.

Yolen, Jane. Zoo 2000; Twelve stories of Science Fiction and Fantasy Beasts.  
Seabury, 1973. 224 p. \$7.95. Batab No. 021434697.

Frye Readability Level - 7

"A weird, fascinating collection of animal science fiction stories. Noted authors such as James Thurber, Andre Norton, Arthur C. Clark and Howard Fast have contributed to this collection. Some of the tales describe a mouse which is given super-intelligence, a doctor who enters the body of a large space monster, and the adverse effects of DDT upon the animal and human population." Elementary School Library Collection, 11th edition, pg. 415.

### Records and Tapes

Babbitt, Natalie. Knee Knock Rise. Newbery Award Records, 1973. \$7.95. Batab No. (rec) 843794526; (cas) 843519347.

Barrie, James M. Story of Peter Pan. Caedmon, 1972. \$7.95. Batab No. (rec) 84379889X. (cas) 843530146.

Baum, Lyman Frank. Wizard of Oz. Jabberwacky, 1972. \$5.98. Batab No. 843522151.

Carroll, Lewis. Alice in Wonderland. Caedmon, 1958. \$6.98. Batab No. 843798386.

Carroll, Lewis. Through the Looking-Glass. Caedmon, 1958. \$4.98.

Fleming, Ian. Chitty Chitty Bang Bang. Caedmon, 1973. \$7.95. Batab No. 843802642.

Grahame, Kenneth. Wind in the Willows. Pathways of Sound. \$6.98. Batab No. (Vol. 1) 84380291X; (Vol. 2) 843802928; (Vol. 3) 843802936; (Vol. 4) 843802944.

L'Engle, Madeline. Wrinkle in Time. Newbery Award Records, 1972. \$7.95. Batab No. (rec) 843809477; (cas) 843525118.

Norton, Mary. The Borrowers. Caedmon, 1975. \$7.95. Batab No. (rec) 843810068; (cas) 843558210.

Thurber, James. Great Quillow. Caedmon, 1972. \$6.98. Batab No. (rec) 843787511; (cas) 843518960.

Tolkien, J.R.R. The Hobbit. Argo Sight and Sound. \$27.80. Batab No. 844536172.

Tolkien, J.R.R. J.R.R. Tolkien Reads and Sings his The Hobbit and The Fellowship of the Ring. Caedmon, 1975. \$6.98. Batab No. (rec) 844571954; (cas) 844571962.

Travers, Pamela L. Mary Poppins; and Mary Poppins Comes Back; Stories from the Original Book. Caedmon, \$6.98. Batab No. (cas) 843523921.

## Autobiographies

Books and materials identified in this list would be useful in a unit focusing on autobiographies or first person narratives for seventh, eighth, or ninth graders.

Aaron, Henry and Bisher, Furman. Aaron. New York: T. V. Crowell, 1974. \$6.95  
Batab No. 005175240.

Hank traces his career from 1954 when he began with the Indianapolis Clowns to 1973 when he had his great hitting season with the Atlanta Braves.

Anderson, Marian. My Lord, What a Morning: An Autobiography. New York: Viking Press, Inc., 1956. \$5.75. Batab No. 670500119.

The contralto reviews her struggle against racial prejudice to become a great concert singer. She includes insights into both her personal and professional life.

Ardizzone, Edward. The Young Ardizzone: An Autobiographical Fragment. Illustrated by author. New York: Macmillan, 1971. \$7.95. Batab No. 544492594.

The author-illustrator provides written images of his parents, nanny, grandparents, and significant events in his career. The line-drawings may be used to trigger a sequential review of the book.

Austing, Ronald. I Went to the Woods: The Autobiography of a Bird Photographer. Photographs by author. New York: Coward, McCann, 1963. O.P.

As a 13-year-old boy, the photographer, park ranger, and game warden explains his life long love of photographing animals, especially hawks and owls.

Barnum, Phineas Taylor. Barnum's Own Story: Autobiography. Edited by Waldo R. Browne. Magnolia, Massachusetts: Peter Smith, Pub. Inc., 1962. \$7.50. Batab No. 544472608.

This is a composite of the first edition written by Barnum in 1855 and a new volume entitled, Struggles and Triumphs, published in 1869.

Buck, Pearl S. My Several Worlds: Abridged for Younger Readers. New York: John Day Co. Inc., 1957, c 1954. \$10.00. Batab No. 00447094X.

The author reviews her forty years in the Orient under the Empress Dowager and Sun Yat Sen. No words were changed.

Campanella, Roy. It's Good To Be Alive. Boston: Little, Brown & Co., 1959. Batab No. 000471186.

The former Brooklyn Dodger tells of his baseball career and his rehabilitation after an automobile accident in which his neck was broken.

Cellini, Benevenuto. The Autobiography of Benevenuto Cellini. Edited and adapted by John Addington Symonds. New York: Doubleday & Co. Inc., 1960. \$2.25. Batab No. 385096399.



The 16th century goldsmith and sculptor gives a description of the intrigue and adventure behind his work. This is a valued account of the Italian Renaissance.

Cepeda, Orlando and Einstein, Charles. My Ups and Downs in Baseball. New York: G.P. Putnam's Sons, 1968. Batab No. 002671042.

The author reveals his life as it relates to baseball.

Collins, Michael. Flying to the Moon and Other Strange Places. New York: Farrar, Straus and Giroux, 1976. \$6.95. Batab No. 543544753.

Beginning with his experiences as an Air Force test pilot, the astronaut tells of the Gemini 10 and the first moon-landing. He also describes his view of life on a man-made planet.

David, Jay and Greene, Catherine J., eds. Black Roots: An Anthology. Introduction by Chalemae Rollins. New York: Lothrop, Lee & Shepard Co., 1971. O.P. Batab No. 008658730.

Twenty autobiographical excerpts are included from such figures as James Baldwin, Malcolm X, Floyd Patterson, and Lena Horne.

David, Jay. Growing Up Black. New York: Pocket Books, Inc., 1970. \$1.50. Batab No. 671801775.

Nineteen Black Americans such as Frederick Douglass, Dick Gregory, and Ethel Waters tell about their childhood.

David, Jay. Growing Up Jewish. New York: William Morrow & Co., Inc., 1969. \$7.50. Batab No. 005766524.

Twenty-five autobiographical selections reveal what it means to grow up Jewish in Europe, America, and Israel.

Derby, Pat and Beagle, Peter. The Lady and Her Tiger. New York: E.P. Dutton & Co., Inc., 1976. \$8.95. Batab No. 037637606.

The author relates her many experiences training lions, tigers, bears, and wolves.

Douglass, Frederick. The Life and Times of Frederick Douglass. Adapted by Barbara Ritchie. New York: T.Y. Crowell Co., 1966. \$6.95. Batab No. 544472640.

Certain sections have been eliminated or shortened from the final version of the autobiography published in 1892.

Douglass, Frederick. Life and Times of Frederick Douglass. Edited and Abridged by Genevieve S. Gray. Illustrated by Scott Duncan. New York: Grosset & Dunlap, Inc., 1970. O.P. Batab No. 000446440.

This has been shortened and changed significantly for easy reading.

Eastman, Charles Alexander. Indian Boyhood. New York: Dover Pub. Inc., 1971. \$2.50. Batab No. 544472659.

work first published in 1902, the author recounts his story of growing up as a Sioux Indian.

Feelings, Tom. Black Pilgrimage. Illustrated by author. New York: Lothrop, Lee & Shepard Co. Inc., 1972. \$6.95. Batab No. 013743708.

Frye Readability Level - 7

The author-illustrator grew up in Bedford-Stuyvesant and, eventually, went to art school. After working in Ghana, his perspective changed and his writing helps reveal this.

Franklin, Benjamin. Benjamin Franklin: An Autobiographical Portrait. Edited by Alfred Tamarin. New York: Macmillan Pub. Co., 1969. \$6.50. Batab No. 549509925.

Excerpts from his letters, journals, and pamphlets are interspersed with selections from his autobiography.

Franklin, Benjamin. Benjamin Franklin: A Biography in His Own Words. Edited by Thomas Fleming. Introduction by Whitfield J. Bell, Jr. New York: Newsweek, 1972. \$15.00. Batab No. 543435946.

Excerpts from his autobiography, letters to his family, essays, and newspaper articles, show Franklin as a boy in Boston, a printer, scientist, inventor, politician, ambassador and ladies' man.

Galarza, Ernesto. Barrio Boy. Notre Dame, Indiana: University of Notre Dame Press, 1971. pb \$3.95. \$8.95. Batab No. 010640479 (hb).

This author had his roots in a small Mexican town. His writing reflects his cultural heritage.

Gibson, Althea. I Always Wanted to Be Somebody. Edited by Ed Fitzgerald. New York: Harper & Row Pub., Inc., 1958. \$8.79. Batab No. 002996510.

Althea Gibson, the famous Black woman tennis player, grew up in Harlem and eventually, was able to win the tennis championship at Wimbledon.

Gilbreth, Frank Bunker and Carey, Ernestine Gilbreth. Cheaper By the Dozen. Illustrated by Vasilu. New York: T.Y. Crowell Co., 1963. \$5.95. Batab No. 000186716.

Not an autobiography in the strictest sense, this account reveals the family life of the twelve Gilbreth children with their boisterous father.

Hautzig, Esther Rudomin. The Endless Steppe: Growing Up in Siberia. New York: T.Y. Crowell Co., 1968. pb \$1.25, \$6.95. Batab No. 002627094 (H).

Frye Readability Level - 4

Esther and her family were exiled from Poland to Siberia for being capitalists. This tells of their five long years.

Henson, Matthew Alexander. Black Explorer at the North Pole; An Autobiographical Report by the Negro who Conquered the Top of the World with Admiral Robert E. Peary. Foreword by Robert E. Peary. Introduction by Booker T. Washington. New York: Walker & Co., 1969. O.P. Batab No. 00599571X.

In 1909, Henson, Peary, and four Eskimos crossed the North Pole. This is a reprint of the 1912 account.

Herriot, James. All Creatures Great and Small. New York: St. Martin's Press, 1972. pb \$2.25, \$8.95. Batab No. 020210205 (hb).

An English veterinarian reminisces of years of practice and love of animals.

Herriot, James. All Things Bright and Beautiful. New York: St. Martin's Press, 1974. pb. \$2.25, \$8.95. Batab No. 543442985.

The veterinarian continues his reminisces.

Heymanns, Betty. Bittersweet Triumph. New York: Doubleday & Co., 1977. \$5.95. Batab No. 549472517.

Betty recounts her struggles as a cerebral palsy victim as she learns to walk, go to school, and eventually to become a photographer.

Keller, Hellen Adams. The Story of My Life: With Letters (1887 - 1901) and a Supplemental Account of Her Education, Including Passages from the Reports and Letters of Her Teacher, Anne Mansfield Sullivan by John Albert Macy. Introduction by Ralph Barton Perry. New York: Doubleday & Co., Inc., 1954. \$8.95. Batab No. 000427969.

In spite of being deaf and blind, Helen Keller managed to overcome these obstacles.

Koufax, Sandy and Linn, Ed. Koufax. New York: Viking Press, Inc., 1966. \$6.95. Batab No. 000187623.

The Los Angeles Dodger pitcher tells of Brooklyn boyhood and his rise to baseball fame.

Lenski, Lois. Journey Into Childhood: The Autobiography of Lois Lenski. Philadelphia: J.B. Lippincott Co., 1972. \$7.95. Batab No. 013772090.

The author-illustrator traces her life from birth in 1893 in Springfield, Ohio, through her days of writing children's books.

Lurie, Nancy O. Mountain Wolf Woman, Sister of Crashing Thunder: The Autobiography of a Winnebago Indian. Ann Arbor, Michigan: University of Michigan Press, 1961. pb \$2.25, \$15.00. Batab No. 472061097 (pb); 472091093 (hb).

The author tells not only her story, but the social life and customs which she shared as an Indian.

Manley, Seon. My Heart's In the Heather. New York: Funk & Wagnalls Co., 1968. O.P. Batab No. 002538075.

The author tells of growing up in a Scottish-American community and the humorous memories that accompanied.

Mantle, Mickey Charles. The Education of a Baseball Player. New York: Simon & Schuster, Inc., 1967. \$8.95. Batab No. 002982811.

The author tells how influential his father was in his career and the dedication he had to the sport.

Morris, Willie. Good Old Boy: A Delta Boyhood. New York: Avon Books, 1974.  
\$.75. Batab No. 549509941.

Frye Readability Level - 7

The author and his boyhood friends share many colorful experiences in the Mississippi river town of Yazoo City.

Nakamoto, Hiroko. My Japan, 1930-1951. New York: McGraw Hill Book Co., 1970.  
O.P. Batab No. 007723199.

The author was in Hiroshima when the atomic bomb was dropped on that city. She relates that experience and others.

North, Sterling. Rascal: A Memoir of a Better Era. Illustrated by John Schoenherr.  
New York: E.P. Dutton & Co. Inc., 1963. \$5.95. Batab No. 003152839.

The author describes the many episodes with his pet raccoon Rascal in a Wisconsin Village in 1918.

Northup, Solomon. In Chains to Louisiana: Solomon North's Story. Adapted by Michael Knight. New York: E.P. Dutton & Co. Inc., 1971. \$6.95. Batab No. 500019991.

Frye Readability - 6

This is the adapted version of the story of a free Black man, kidnapped and used as a slave in 1841, who managed to escape to his family after twelve years.

Owens, Jesse and Neinark, Paul G. The Jesse Owens Story. New York: G.P. Putnam's Sons, 1970. \$4.97. Batab No. 001152122.

Frye Readability Level - 9

Owens began as a sharecropper in Alabama and became one of the greatest sprinters in the Olympics. He focuses on these events and his winning of four gold medals before Hitler in the 1936 Olympics in Berlin.

Paige, LeRoy and Lipman, David. Maybe I'll Pitch Forever: A Great Baseball Player Tells the Hilarious Story Behind the Legend. New York: Doubleday & Co. Inc., 1962. \$9.50. Batab No. 000279129.

The author, Satchel Paige, left Mobile, Alabama to become a major league pitcher.

Richter, Hans Peter. I Was There. Translated by Edith Kroll. New York: Holt, Rinehart & Winston, Inc., 1972. \$5.95. Batab No. 018004652.

The author describes many of the emotions of the youths who joined the Hitler movement. The original German version was published in 1962.

Rieger, Shay. Our Family. Photographs by Eeva and by James Calonis. New York: Lothrop, Lee & Shepard, 1972. Batab No. 013743392.

The sculptress reveals much about herself as she tells of her immigrant ancestors.

Robinson, John Roosevelt and Duckett, Alfred. I Never Had It Made. New York: G.P. Putnam's Sons, 1972. \$7.95. Batab No. 500004234.

Based on tape recordings, Jackie gives a sincere view of, not only his baseball career, but his role in business, politics, and civil rights as well.

Roosevelt, Eleanor. The Autobiography of Eleanor Roosevelt. New York: Harper & Row, 1961. \$15.00. Batab No. 000453366.

This volume is a composite from previous autobiographies including: This Is My Story, This I Remember, and On My Own.

Ross, Pat. Young and Female: Turning Points in the Lives of Eight American Women. New York: Random House, Inc., 1972. pg \$1.95, \$4.99. Batab No. 015363740 (hb).

The compiler has included excerpts from the autobiographies of Shirley MacLaine, Shirley Chisholm, Dorothy Day, Emily Hahn, Margaret Sanger, Althea Gibson, Edna Ferber, and Margaret Bourke-White.

Ruark, Robert. The Old Man and the Boy. Illustrated by Walter Dower. New York: Holt, Rinehart & Winston, 1957. \$8.95. Batab No. 030279100.

The author offers a poetic description of his youth growing up on the North Carolina coast and his relationship with his father.

Sandburg, Carl. Always the Young Strangers. New York: Harcourt Brace Jovanovich, Inc., 1953. \$12.95. Batab No. 000158917.

The author recounts his life in Galesburg, Illinois, from his early boyhood to his return from the Spanish-American War.

Sandburg, Carl. Prairie-town Boy: Taken from "Always the Young Strangers." Illustrated by Joe Krush. New York: Harcourt Brace Jovanovich, Inc., 1955. \$5.95. Batab No. 000164100.

Frye Readability Level - 7

The chapters deal with his Swedish parents, the town, his neighbors, and his first contact with the Lincoln legend.

Shears, Sarah. Village Girl: Memoirs of a Kentish Childhood. Introduction by R.F. Delderfield. New York: Simon & Schuster, Inc., 1971, O.P.

Frye Readability Level - 8

In telling of her close-knit family, the author also reveals much about the English working-class in the twenties.

Singer, Isaac Bashevis. A Day of Pleasure: Stories of a Boy Growing Up in Warsaw. Photographs by Roman Vishniac. New York: Farrar, Straus & Giroux, Inc., 1969. pb \$4.95, \$6.95. Batab No. 000643602 (hb).

In this collection, the storyteller reviews his boyhood in Warsaw from 1908 to 1918.

Steffens, Lincoln. Boy on Horseback: Reprinted from "The Autobiography of Lincoln Steffens." Illustrated by Sanford Tousey. New York: Harcourt, Brace Jovanovich, Inc., 1935. \$5.50. Batab No. 002689200.

The excerpts included are the descriptions and narratives of the author's childhood in California in the 1870's.

Sullivan, Tom and Gill, Derek. If You Could See What I Hear. New York: Harper & Row, 1975. pb. \$1.50, \$10.00 Batab No. 031509762 (hb).

The author tells how he has not let blindness\*keep him from doing the things he wished to do -- singing, entertaining, and composing.

Takashima, Shizuye. A Child in Prison Camp. Illustrated by author. New York: William Morrow & Co. Inc., 1974. \$7.95. Batab No. 024487287.

The author and her family were placed in a relocation center for Japanese in British Columbia during World War II. She narrates many of her recollections from that experience.

Trapp, Maria Augusta. The Story of the Trapp Family Singers. Philadelphia: J.B. Lippincott Co., 1949. \$10.00 Batab No. 002879875.

As the head of the household, Maria writes of her large family and of herself, too.

Twain, Mark. The Boys' Ambition: Life on the Mississippi; An Excerpt from the Book by Mark Twain. Illustrated by George Overlie. Minneapolis, Minnesota: Lerner Publishing Co., 1975. \$4.95. Batab No. 822502836.

The author recounts his dream of someday becoming a steamboat captain on the Mississippi River.

Washington, Booker Taliaferro. Up From Slavery: An Autobiography. Introduction by Langston Hughes. New York: Dodd, Mead & Co., 1972. \$5.50. Batab No. 396051464.

The author began as a slave. He describes his experiences in this situation and how he was able to educate himself. He also describes how he set up Tuskegee Institute.

Wayne, Kyra Petrovskaya. Shurik: A Story of the Siege of Leningrad. New York: Grosset & Dunlap, Inc., 1972. \$9.95. Batab No. 448054027.

Frye Readability Level - 7

Kyra finds a young boy, Shurik, and nurses him to health. They work together in a hospital during the three year seige (1941-1944).

Williams, Ted and Underwood, John. My Turn at Bat: The Story of My Life. New York: Simon & Schuster, Inc., 1968. \$7.95. Batab No. 005152399.

The baseball player describes his early days in the minor leagues and his work as manager of the Washington Senators.

Wojciechowska, Maia. Till Break of Day. New York: Harcourt, Brace Jovanovich, Inc., 1972. \$5.95. Batab No. 018003826.

The children's author spent three years in Europe during World War II. This is her story.

Yaker, Pyotr Ionovich. A Childhood in Prison. Edited by Robert Conquest. New York: Coward, McCann & Geoghegan, Inc., 1972. \$5.95. Batab No. 018788343.

The author reveals much of Russian prison life.



Kits

Alexander, Lloyd. Meet the Newbery Author: Lloyd Alexander. New York: Miller-Brody Productions, Inc., (MNA-1002), 1974. 1 filmstrip with record or cassette. \$32.00.

The author discusses his development as a fantasy writer.

Hamilton, Virginia. Meet the Newbery Author: Virginia Hamilton. New York: Miller-Brody Productions, Inc., (MNA-1007), 1976. 1 filmstrip with record or cassette. \$32.00. Batab No. 844518328.

The author reviews her life and discusses her books. She sings some songs which she wrote and reads from M.C. Higgins the Great.

L'Engle, Madeleine. Meet the Newbery Author: Madeleine L'Engle. New York: Miller-Brody Productions, Inc., (MNA-1005), 1974. 1 filmstrip with record or cassette. \$32.00. Batab No. 843835869.

The author is interviewed in her Connecticut home and Manhattan apartment. She talks about her background and writing.

Singer, Isaac Bashevis. Meet the Newbery Author: Isaac Bashevis Singer. New York: Miller-Brody Productions, Inc., (MNA-1008), 1976. 1 filmstrip with record or cassette. \$32.00. Batab No. 844511994.

The author's life is reviewed with photographs of his childhood in the Polish ghettos in the early 1900's. He is interviewed in his home.

Records and Tapes

Franklin, Benjamin. The Autobiography of Benjamin Franklin. Read by Ed Begley. New York: Caedmon, (TC2027), n.d. 2 records or cassettes. \$15.96. Batab No. (rec) 849509904; (cas) 849509912.

This abridgment includes the principle events of Franklin's life.

Herriot, James. All Creatures Great and Small. Voice Over Books (00793) 1 cassette. \$6.95. Batab No. 849509939.

This storyteller tells his own tale of his life and love of animals.

Ross, Pat and Barkman, Donna, eds. Young and Female. Read by Sandy Dennis, Eileen Hackart, and Claudia McNeill. New York: Caedmon, (TC-1457), n.d. 1 record or 1 cassette. \$7.98. Batab No. 844517984.

Six narratives are recorded. The excerpts included are: Margaret Sanger: An Autobiography; Margaret Bourke-White: Portrait of Myself; Shirley Chisholm: Unbought and Unbossed; Shirley McLaine: Don't Fall Off the Mountain; Dorothy Day: The Long Loneliness; and Emily Hahn: Times and Places.

Washington, Booker T. Up from Slavery. Read by Ossie Davis. New York: Caedmon, (TC-2072), n.d. 2 records or cassettes. \$15.96. Batab No. 849509955.

ERIC  
Full Text Provided by ERIC  
atlanta.  
in Atlanta.

eral episodes are retold of Washington's boyhood as well as a speech he made

above & beyond



mathematics

Adventures with Arithmetic - Fractions, Decimals, Percent, and Algebra, by Lawrence N. Swienciki. Creative Publications. (Workbooks)

Series - Cat. No. 10370 - \$14.00; Book 1 - Cat. No. 10371 - \$4.00;  
Book 2 - Cat. No. 10372 - \$4.00; Book 3 - Cat. No. 10373 - \$4.00;  
Book 4 - Cat. No. 10374 - \$4.00.

Grades 7-10.

Students do a series of problems which involve skill in fractions, decimals, percent, and algebra.

Africa Counts: Number and Pattern in African Culture, by Claudia Zaslavsky. Prindle, Weber & Schmidt, Inc., 1973. (Book) \$15.00. Batab No. 543442446.

Grades 6-12.

The volume tells how Africans keep records, tell time, use geometry, and use different numeration systems. As a teacher reference, this would be useful for the study of Africa as well as mathematics. Detailed case studies are given for the Yoruba and Benin cultures (Nigeria) and East Africa. It is an excellent student resource for integrating math and social studies.

Aftermath, by Dale Seymour, Mary Laycock, Verda Holmberg, Ruth Heller, and Bob Larsen. Distributed by Creative Publications. (Workbooks or ditto masters) Batab No. 544544986. 10040 - Aftermath Series (4 books) - \$17.50; 10041 - Aftermath 1 - \$4.95; 10042 - Aftermath 2 - \$4.95; 10043 - Aftermath 3 - \$4.95; 10044 - Aftermath 4 - \$4.95. 110060 Aftermath Duplicating Series (8 books) - \$60.00; 110061 - Aftermath 1A - \$8.50; 110062 - Aftermath 1B - \$8.50; 110063 - Aftermath A - \$8.50; 110064 - Aftermath B - \$8.50; 110065 - Aftermath 3A - \$8.50; 110066 - Aftermath 3B - \$8.50; 110067 - Aftermath 4A - \$8.50; 110068 - Aftermath 4B - \$8.50.

Grades 5-9.

This is a series of enrichment books designed to reinforce the regular curriculum as well as introduce new aspects of mathematics. Emphasis is placed on teaching students to solve problems creatively.

Amusements in Developing Algebra Skills, by Alice A. Clack and Carol H. Leitch. Midwest Publications Co., 1975. (Workbook series: Vol. 1 - Paperback, 52 activities Algebra I, \$6.50; Vol. 1 - ditto masters, 52 activities Algebra I, \$12.95; Vol. 2 - paperback, 58 activities, Algebra II, \$6.50 (Batab No. 544453700); Vol. 2 - ditto masters, 58 activities Algebra II, \$12.95; Vol. 3 - Batab No. 544453719).

Grades 5-9.

Reproducible pages contain a variety of extension tasks to develop basic algebra and trigonometry skills and concepts. Contexts deal with real number operations and properties, monomial operations, polynomial operations, equations, and inequalities, factoring polynomials, graphing, sequences and series, linear functions, rational algebraic expressions, radicals and irrational numbers, quadratic functions, exponential and logarithmic functions, conic sections, and trigonometric functions.

Amusements in Developing Geometry Skills, by Alice Clack and Carol Leitch. Midwest Publications Co., 1977. (Workbook Series: Vol. 1 - paperback (upper elementary) 44 activities - \$5.95; Vol 1 - ditto masters (upper elementary) 44 activities - \$12.95; Vol 2 - paperback (junior high) 46 activities - \$5.95; Vol 2 - ditto masters (junior high) 46 activities - \$12.95; Vol 3 - paperback (high school) 50 activities - \$6.95; Vol. 3 - ditto masters (high school) 50 activities -

\$13.95.) Batab No. 549455639.

Grades 4-12.

Using puzzles, line designs, decodes, optical illusions, and problems; students find practice exercises in basic geometric concepts.

The Answer Is One, by Robert E. Barnes. Creative Publications. (Workbooks - The First One - Cat. No. 10076 - \$4.95; The Second One - Cat. No. 10077 - \$4.95; The Third One - Cat. No. 10078 - \$4.95.)

Grades 1-10.

Topics covered include addition, subtraction, multiplication, division, fractions, decimals, percent, signed numbers, exponents, radicals and factorials. Limited permission is given for reproduction.

Attribute Games and Problems. Creative Publications. (Kit) Cat. No. 30410 \$14.25. Batab No. 843530952.

Grades K-12.

The materials deal with classification and logical relationships between attributes and properties of sets.

BASIC BASIC: An Introduction to Computer Programming in Basic Language. Hayden Book Co. (Book) \$9.95. Batab No. 543436233.

Grades 10-12.

Instructions are provided for learning computer language.

Basic Math Amusements - Book I. Midwest Publications Co. (Workbook) \$5.50.

Grades K-2.

Forty-five activities require one-digit addition, subtraction, multiplication, and division with no reading.

Basis. Wff 'N Proof. (Game) \$2.00. Batab No. 844492507.

Grades 4-12.

Students try to form three-digit or longer numbers in different bases as they also try to keep their opponents from the same. This strategy game focuses on place value of numbers.

The Big Book of Collections, by Sandra Nina Kaplan, Sheila K. Madsen, and Bette Taylor Gould. Goodyear, 1975. (Activity Book - 12" x 18") \$15.95. Batab No. 544485602.

Grades K-12.

Designed for introducing and reinforcing various math concepts, this book with ready-to-use, punch-out materials includes the following: Products: Deliver the Products Game, Shopping Cards with Shopping Cards Record Sheet, Product Store Room Worksheet, My Shopping List Worksheet, Comparing Products Worksheet. Foods: Recipe Cards with Recipe Cards Record Sheets, Menu Cards. People: Line-up Cards, Dimension Cards, Line-up Chart, What's (S)he Worth Worksheet, Pick a Person Worksheet, Making a Collection Worksheet, Line-up Worksheet. General Activities for Any Collection: Collection Cubes, Collector's Museum, Collections from A to Z Chart, More Than/Less Than Cards with More Than/Less Than Record Sheet, Two-Way Grid with Two-Way Grid Record Sheet, Collection Fact Sheet and Graph, Collector's Calendar Worksheet, Collector's Race Worksheet, Storybook Collection Worksheet, Autograph Collection Worksheet, Body Collection Worksheet.

Binary, by Michael Abrams. Simile II. (Game) \$4.00. Batab No. 844492485.

Grades 5-12.

This mathematical strategy game is based on a binary number system. Two players try to outscore the other using their fifteen plusses and zeroes. Players must use addition, subtraction, multiplication, and division in this 20 minute game.

A Book of Curves, by E.H. Lockwood and A. Prag. Cambridge University Press/distributed by Creative Publications, 1961. (Book) Cat. No. 20624. \$17.00  
Batab No. 544453743.

Grades 9-12.

This reference book and advanced plane geometry book was developed for geometers, mathematicians, engineers, and draftsmen. It begins with fourteen curves and continues to discuss the invention of new curves.

Bottle Cap Mathematics - Book I, by Dr. Donald Buckeye. Midwest Publications Co., 1976. (Workbook) \$5.95. Batab No. 549455752.

Grades K-3.

Ninety games reinforce fundamental operations. Little or no reading is required.

Brain Puzzler's Delight, by E.R. Emmet. Emerson, 1968. Distributed by Wff 'n Proof. (Book) \$6.95. Batab No. 543434222.

Grades 3-12.

Arranged in order of difficulty, this series of puzzles is solved with some imagination, logic, and insight.

Calculator Activities for the Classroom, by George Immerzeel and Earl Ochenga. Creative Publications. (Workbooks - Book 1, Cat. No. 10550, Batab No. 54283, \$5.25; Book 2, Cat. No. 10551, \$5.25.

Grades 4-6.

Students learn the unique coding system of calculators and are able to solve mathematical problems.

The Calculator Book, by William B. Rudolph and A.D. Claassen. Houghton Mifflin, 1976. (Book) Cat. No. 2-47600. \$2.70.

Grades 7-9.

Using practical problems, games, and puzzles, this booklet provides an easy-to-follow procedure for using a calculator.

The Calculator Work Box, by J. Sharp. Addison - Wesley, 1977. (Kit including 2 copies each of 80 assignment cards, 10 self tests, and one teacher's guide.) Cat. No. 06771. \$45.00.

Grades 6-9.

Specific topics covered are calculators, numbers, measurement, real life math, and extra points (advanced).

Checkermatics, by Clifford Boatner. Selective Educational Equipment, Inc. (Game) Level 1 - \$9.95; Batab No. 844468614; Level 2 - \$9.95; Both - \$19.00)



Grades K-6.  
5-10.

Level 1 has game boards which contain math problems in number recognition, addition, subtraction, multiplication, division, and metric to metric conversion. Level 2 includes more complicated problems and adds geometry. Rules are similar to checkers and students may play using several variations.

A Cloudburst of Math Lab Experiments, by Dr. Donald Buckeye, William Ewbank, Dr. John Ginther. Midwest Publications Co., 1971. (Workbook Series: Vol. I, book form (elementary) - \$5.95; Vol. I, book form (Spanish) - \$6.95; Vol. II, book form (upper elem.), Batab No. 549455795 - \$6.95; Vol. II, book form (Spanish) - \$6.95; Vol. III, book form (junior high), Batab No. 549455809 - \$6.95; Vol. IV, book form (High school), Batab No. 549455825 - \$3.95; Teacher's Manual for all 4 volumes - \$3.50; Vol. I, card form (elementary) - \$24.00; Vol. II, card form (upper elementary) - \$26.00; Vol. III, card form (junior high) - \$28.00; Teacher's Manual for all 3 volumes - \$3.50.)

Grades - 4-9.

The five volumes deal with fundamental operations, sets, numeration, number theory, fractions, probability and statistics, applications, geometry, and measurement. It is available in book and key sort card form.

Co-Basal Math Program. Educational Progress. (Kit including Corebooks (5) - 10 copies each; Enrichment Cards (50); Reinforcement Cards (50); Teacher's Guide)

Product No. 11-232	Co-Basal Kit: Set 3-complete	\$88.50
Product No. 11-237	Teacher's Guide	5.50
Product No. 11-2338	Activity Cards (100)	35.50
	Corebooks (set of 10 - specify title)	10.95
Product No. 11-242	Co-Basal Kit: Set 4-complete	88.50
Product No. 11-247	Teacher's Guide	5.50
Product No. 11-2438	Activity Cards (100)	35.50
	Corebooks (set of 10 specify title)	10.95

Grades 2-5.4

Co-Basal Math is designed to help the teacher meet the challenge of catering to a classroom of students with differing needs and abilities. Each Corebook is based on a set of twenty learning objectives. The five Corebooks for Set 3 and Set 4 are: Corebook 1 - Numeration; Corebook 2 - Addition and Subtraction; Corebook 3 - Multiplication and Division; Corebook 4 - Measurement (totally metric); Corebook 5 - Geometry (shapes, symmetry, and transformations).

Corn Games and Puzzles, by Maxley Brooke. Dover/Distributed by Creative Publications, 1963. (Book) Cat. No. 20552. \$1.75. Batab No. 54947806X.

Grades 5-12.

Exercises are provided using pocket change. It is useful as a self-directing too for math-related learning. The 60 activities and puzzles are especially pertinent for the student interested in probability.

Configurations: Number Puzzles and Patterns for All Ages, by Harold L. Dorwart.

Wff 'N Proof. (Game Set) \$6.00. Batab No. 843527382.

Grades 7-12.

This series of games concentrates on problem solving in geometry.



Continuous Progress Laboratory. Educational Progress. (Multi-media program)

Series 100-800		Series 100-200 Special Price, each	\$118.50
		Series 300-800 Special Price, each	128.50
		Special price for an order for 5 or more labs for any level or levels	
Series 100	2-012	Complete Lab	128.50
Series 200	2-022	Complete Lab	128.50
Series 100-200	2-095	Student Progress Book (Levels 1-2)	.85
Series 100-200	2-017	Teacher's Guide (Levels 1-2)	2.95
Series 300	2-732	Complete Lab	138.50
	2-735	Student Progress Book	1.25
	2-7344	Progress Tapes & Laminated Visuals	94.00
Series 400	2-742	Complete Lab	138.50
	2-745	Student Progress Book	1.25
	2-7444	Progress Tapes & Laminated Visuals	94.00
Series 500	2-752	Complete Lab	138.50
	2-755	Student Progress Book	1.25
	2-7544	Progress Tapes & Laminated Visuals	94.00
Series 600	2-762	Complete Lab	138.50
	2-765	Student Progress Book	1.25
	2-7644	Progress Tapes & Laminated Visuals	94.00
Series 700	2-772	Complete Lab	138.50
Series 800	2-782	Complete Lab	138.50
Series 700-800	2-035	Student Progress Book (Levels 7-8)	.85
Series 300-800	2-037	Teacher's Guide	3.95
Available for Series 100-800		Progress Tapes (8) only (specify level)	12.00
Available for Series 300-600		Laminated Visuals (set of 3) (specify level)	26.95
Available for Series 100-800		Lesson Cards (1 set of each) (Specify level)	11.25
Available for Series 100-800		Performance Test Booklets (10) (specify level)	3.25
Available for Series 300-600		Teacher's Guide Supplement (specify level)	2.95

Grades 1-8.

This program was designed for students to work at their own rate.

Creating Escher-Type Drawings, by Ernest R. Ranucci and Joseph L. Teeters. Creative Publications. (Book) Cat. No. 10650. \$6.50. Batab No. 544568931.

Grades 7-12.

A collection of drawings is analyzed according to mathematic principles. It contains step-by-step explanations of basic geometric ideas. Techniques are used in the creation of tessellations.

Creative Constructions, by Dale Seymour. Creative Publications. (Book) Cat. No. 10021. \$3.75.

Grades 5-12.

Worksheets including directions, analyses, and explanations for two hundred fifty geometric activities are provided.

Creative Math Experiences for the Young Child, by Imogene Forte and Joy Mackenzie.  
Incentive Publications, 1973. (Book - \$5.95) (Ditto masters: Part I - Shapes  
and Sizes, Batab No. 913916269, - \$5.50; Part II - Reading and Writing Numbers,  
Batab No. 913916277 - \$5.50; Part III - Sets, Fractions, Measuring & Money,  
Batab No. 913916285 - \$5.50)

Grades K-3.

This ready-to-use presentation concentrates on basic number concepts.

Crossnumber Puzzles Books I and II, by Diana Hestwood, Earl Orf, and Edward Huseby.  
Creative Publications. (Workbook - each \$4.00; or duplicating masters - each  
\$9.00)

Grades 4-9.

Puzzles give practice with whole numbers, fractions, decimals, and percent  
operations.

Curiosities of the Cube, by Ernest R. Randucci and Wilma E. Rollins. T.Y. Crowell,  
1977. (Book) \$6.95 Batab No. 549464263.

Grades 7-12.

Basic concepts are explored with puzzles, explanations, patterns and problems.

Equable. Selective Educational Equipment, Inc. (Game) \$13.00. Batab No.  
844492477.

Grades 2-12.

Students practice addition, subtraction, multiplication, and division. Depending  
on their level, they may form simple equations or more complex equations. It  
is played on a game board similar to Scrabble.

Equations: The Game of Creative Mathematics, by Layman E. Allen. Wff 'N' Proof.  
(Game Kit\*) \$10.00. Batab No. 843460180.

Grades 2-12.

Five games allow students practice in addition, subtraction, multiplication,  
division, exponents, and radicals in various bases. Students may make the game  
as complex as desired.

\*(Game Kit also available from Science Research Associates - 32 imprinted cubes,  
a playing mat, and a Player's Manual. Separate Teacher's Guide. 3-43 -  
Equations - package of 10 sets and 1 Teacher's Guide - \$66.00; 3-41 - Equations  
Game - individual set - \$7.50; 3-42 - Teacher's Guide - \$.76)

Eureka, by Dale Seymour and Dick Gridley. Creative Publications, 1967. (Workbook)  
\$5.25. Batab No. 549489916.

Grades 7-12.

This enrichment work includes challenging problems of logic, geometry, algebra,  
and progression.

Explora Tapes. Educational Progress. (Kit)

Product No. 2-027	Programs 100 & 200 complete	386.50
Product No. 2-0265	Explora Page Pads (Programs 100-200)	56.95
Product No. 2-0267	Annotated Teacher's Guide	4.95
Product No. 2-0271	Program 100-complete.	198.00
Product No. 2-02651	Explora Page Pads (Program 100)	32.95

Product No. 2-0272      Program 200 - complete  
Product No. 2-02652      Explora Page Pads (Program 200)

198.00  
32.95

Grades 3-8.

Lessons include: Math in Magic, Math in Astronomy, and Math in Art.

The Family of Shape. Creative Publications. (Program Kit - includes 16 picture books, 16 activity sheets, teacher guide, 186 piece plastic shapes, storage box, 1 set colored crayons) #3450 - \$37.50 - Batab No. 849500761; #34451 - \$12.50 - Batab No. 84949284X; #34452 - \$12.50 - Batab No. 849491207.

Grades - Part I: 3-8; Part II: 5-8.

This program enables the young child to discover many of the basic ideas of mathematics from the unifying elements of shape, size, number, color, movement, and growth, and to relate them to his own world.

Fantastic Four by Four, by Richard Gidley. Creative Publications. (Poster) Cat. No. 60060. \$3.25. Batab No. 844501611.

Grades 3-12.

This thirty-six colored poster offers students drill on number facts.

Finite Differences, by Dale Seymour and Margaret Shedd. Creative Publications, 1973. (Book) Cat. No. 10300. \$5.00. Batab No. 549472872.

Grades 7-12.

This is a book for those interested in problem solving. As the problems increase in difficulty, the reader finds insights become more elusive. The second part of the book describes the systematic approach (finite differences) to the solutions.

A First Book of Space Form Making, by George Fouke. Gea Books, 1974. (Available from Teachers Exchange of San Francisco). (Book) \$2.95. Batab No. 914462016.

Grades 4-8.

Students are given directions for building and drawing multi-sided forms.

Forty eight tasks reinforce skills in using rulers, protractors, and compass.

Flatland, by E.A. Abbott. 2nd ed. Dover/Distributed by Creative Publications. 1884. (Book) Cat. No. 20504. \$1.50. Batab No. 543473775.

Grades 6-9.

This is the classic tale of one and two-dimensional worlds.

Fraction Bars - Junior High Class Set, by Albert B. Bennett, Jr. and Patricia S. Davidson. Scott Resources, 1978. (Kit) Cat. No. Q806 \$129.00. Batab No. 843887958.

Grades 4-6.

A complete program of games, activities, manipulative materials, worksheets and tests for teaching fractions. Materials for up to 30 students.

Fraction Bars Program, by Albert B. Bennett, Jr. and Patricia S. Davidson. Selective Educational Equipment, Inc. (Multi-media program kit) Batab No. 844492469.

Grades 3-9.

This is a non-graded program designed for sequential instruction in seven concept areas. Those areas include: Basic Concepts, Equality, Inequality, Addition, Subtraction, Multiplication, and Division. Individual components are as follows: Fraction Bars Starter Set (for 2-4 students) contains one Introductory Card Set, one set of 64 Fraction Bars, one Introductory Game Mat Set (37 mats), one Spinner A, 500 Game Markers, and one Teacher's Guide. FRAKIT - \$23.00

Fraction Bars Math Lab Set (for up to 15 students) consists of 2 Introductory Card Sets, 2 Card Set I, 2 Card Set II, one Reproducible Workbook II, 4 sets of Fraction Bars (54 bars each), 2 Decks of Fraction Playing Cards (64 cards each), 4 pairs of 12-sided Fraction Dice, one Complete Set of Game Mats (67 mats), 2 Spinner A, 2 Spinner B, 500 Game Markers, and one Teacher's Guide. FRAIAB - \$110.00.

Fraction Bars Program Individual Components: Fraction Bars Student Activity Book, Introduction - FRABR1 - \$4.50; Fraction Bars Student Activity Book, Level I - FRABR2 - \$4.50; Fraction Bars Student Activity Book - Level II - FRABR3 - \$4.50; FRABR4, workbook - Level I (3-6) - \$14.80; FRABR5, workbook Level II (6-9) - \$14.80.

Fractions with Pattern Blocks, by Matthew E. Zullie. Creative Publications, 1975. (Book) Cat. No. 10395. \$5.50.

Grades 2-6.

Use of the blocks leads to an understanding of operations with fractions.

Fun and Games with the Computer. by Edwin Sage. Entelechy, 1975. (Book) \$5.95. Batab No. 543445976.

Grades 7-9.

Beginning computer programming is taught through games. Little mathematical background is required.

Games and Puzzles for Elementary and Middle School Mathematics. National Council of Teachers of Mathematics, 1975. (Book) \$4.05. Batab No. 543441164.

Grades - Professional for use with grades K-12.

Major subjects covered are: Using Games and Puzzles in Mathematics Instruction, Whole Numbers, Numeration, Rational Numbers, Number Theory and Patterns, Geometry and Measurement, Reasoning and Logic, and Multipurpose Games and Puzzles.

Games Calculators Play, by Wallace Judd. Warner Books, 1975. (Book) \$1.75. Batab No. 549477969.

Grades 7-12.

Ideas for activities serve as a basis for exercises in thought-provoking use of the calculator.

Games, Tricks, and Puzzles for a Hand Calculator, by Wallace P. Judd. Distributed by Creative Publications. (Book) Cat. No. 20708. \$3.50.

Grades 8-12.

Questions may be solved on any calculator. Seventy problems vary in their level of difficulty.

Games With the Pocket Calculator, by S. Thiagarajan and H.D. Stolovitch. Dymax/  
Distributed by Creative Publications, 1976. (Book) Cat. No. 20714 \$2.25.  
Batab No. 544558375.

Grades 2-6.

This provides a collection of twenty-four games using a hand-held calculator. All activities involve an element of conflict and competition within specified rules. Games are coded as "easy," "harder," and "hardest."

Geoboard Activity Cards, by Alan Barton. Scott Resources. (Activity Cards - Primary, Batab No. 843874473, - \$15.60; Intermediate, Batab No. 843877481 - \$18.41)

Grades K-12.

Specific activities are suggested for use of geo-boards.

Geoboards and Motion Geometry, by J. DelGrande. Scott Foresman & Co., 1976. (Book) Cat. No. 02314-1 \$2.40.. Batab No. 549487948.

Grades 7-8 (Professional)

This teacher's resource book gives a broad introduction to concepts of motion geometry. Suggested activities involving geoboards or geopaper acquaint students with basic geometric ideas.

Duplicating masters for use with geoboards & motion geometry levels A, B, C, D. 46 masters coordinated with exercises in the resource book. Answers and suggestions for use provided; 4 overhead visuals included.

Geometric Constructions. Creative Visuals, 1974.. (Kit including 10 filmstrips with records or cassettes) \$172.50. (cas) Batab No. 84456785X.

Grades 7-9.

Basic concepts in geometry are provided in this step-by-step visual guide with practical problems and worksheet.

The Geometry of Incidence, by Harold L. Dowd. WFF 'N Proof. 1973, c1966. (Book) \$3.00. Batab No. 911624341.

Grades 7-12.

The book introduces specific algebraic concepts and stresses certain fundamental concepts and theorems in projective geometry.

Geo-Ring Polyhedra, by Linda Silvey. Creative Publications. (Book - Cat. No. 10360; Kit - Cat. No. 34200) Book - \$3.25; Kit - \$7.00. Batab No. 843826681.

Grades 5-12.

Instructions are given for assembling all Platonic and Archimedean solids with Geo-Rings. Patterns are included.

The Good Apple Math Book, by Gary Grimm and Don Mitchell. Good Apple, 1977. (Book) \$9.95. Batab No. 916456005.

Grades 2-6.

Creative math activities will be motivating to students and foster exploration of numbers and number systems.

Good Time Math Event Book, by Marilyn Burns. Little, Brown/Distributed by Creative Publications. (Book) Cat. No. 10075. \$6.25.

Grades 4-6.

Seventy activities fall into three difficulty levels. Students have an opportunity to work on concepts of numeration, geometry, measurement, functions, graphs, probability, and statistics.

Graph Gallery, by Pat Boyle. Creative Publications. (Book) Cat. No. 10130.  
\$4.00.

Grades 6-10.

This collection of ordered pairs, linear equations, and inequalities graphs pictures.

Gridmatics, by William Mehl. Distributed by Creative Publications. (Workbooks - Book One - Cat. No. 10381 - \$5.50; Book Two - Cat. No. 10382 - \$5.50)

Grades 1-7.

A highly motivating set of self-checking practice is given in addition, subtraction, multiplication, of whole numbers and integers. This lays the ground work for algebra.

Helix, by Dr. Kenneth P. Kidd. Distributed by Creative Publications. (Game) Cat. No. 40055. \$6.00. Batab No. 849572363.

Grades 1-12.

The three-dimensional tic-tac-toe game requires skill in analysis, prediction, and synthesis. Two to four players try to complete an arc of four or more beads on a post all of one color.

How to Entertain with Your Pocket Calculator: Pastimes, Diversions, Games and Magic Tricks, by Oleg Jefimenko. Electret Scientific, 1975. (Book) \$7.00. Batab No. 549477934.

Grades 9-12.

Entertaining problems for pocket calculators which are explained algebraically are included with a brief introduction to number theory.

The I Hate Mathematics! Book, by Marilyn Burns. Little Brown, 1975. (Book) pb \$3.95; hb \$6.95. Batab No. 543866505 (pb); 031582192 (hb).

Grades 4-12.

Presented in a humorous format, students are given problems to solve.

IMP. Wff N Proof. (Game Kit includes 21 games: 1) MEEMI; 2) DEEDI; 3) EXWUN; 4) UNPOW; 5) ZEREX; 6) TIMEX; 7) EXPOW; 8) POWMI; 9) POWOT; 10) DEEPOWMI; 11) RADMU; 12) POWDI; 13) RADOT; 14) DIPOW; 15) WUNRU; 16) RADUN; 17) RADEX; 18) MIRAD; 19) RADRU; 20) DIRAD; 21) RURAD) 1 kit - \$1.25; set of 5 kits - \$4.25; set of 10 kits - \$8.00; complete set - \$15.00. Batab No. 84449982X.

Grades 3-9.

These instructional math play kits set up an Equations game to play. It resembles computer-assisted instruction without a computer, in that strategies are learned in a series of sequential practice games. Use of the IMP kits with Equations game improve skills in math operations.

Impuzzables. Soma/Distributed by Creative Publications. (Six plastic block puzzles) Cat. No. 40010. \$8.00. Batab No. 843534621.

Grades 3-12.

Each puzzle is a different colour and a different degree of difficulty with hundreds of solutions.



Introduction to Calculus: Sequences and Convergence. Encyclopedia Britannica Co., 1971. (Kit including filmstrips with records or cassettes). \$83.95. Batab No. 843751533.

Grades 10-12.

Individual segments of the program include: Imagining Sequences, Getting Down to Terms, The Tail End of a Sequence, Convergence to Zero, Limits Different from Zero, and Bounded Increasing Sequences.

Kids' Stuff Math, by Marjorie Frank. Incentive Publications, 1974. (Book). \$9.95. Batab No. 913916129.

Grades K-6.

This text offers hundreds of activities, games, ideas, centers, and bulletin boards for teaching basic math skills both in the traditional English and the new metric system.

Mancala. Distributed by Creative Publications. (Logic Game) Cat. No. 40000. \$10.50. Batab No. 84387259.

Grades 1-12.

Ancient African game which requires skill and logic. Helps students sharpen fundamental operational skills.

Martin Gardner's Sixth Book of Mathematical Games from Scientific American, by Martin Gardner. Freeman, 1971. (Book) \$9.95. Batab No. 549477888.

Grades 9-12.

A clear and concise discussion of the mathematical subject matter is followed by challenging problems using ideas presented with their solutions.

The Master Book of Mathematical Recreations, by Fred Schuh. Distributed by Creative Publications. (Book) Cat. No. 20554. \$4.50.

Grades 6-12.

Problems are provided for the most serious puzzle fan.

Math Applications Kit, by Allen C. Friebel and Carolyn Kay Gingrich. Science Research Associates. (Kit including 270 Activity Cards, 10 Reference Cards, a Student Handbook, a Teacher's Handbook and an Almanac. #3-545 - Math Applications Kit - \$87.50; #3-553 - Student Handbook (1-99 copies) each \$.81, (100-999 copies) each \$.73, (1,000 or more copies) each \$.69; #3-555 - Teacher's Handbook - \$2.57.) Batab No. 843762977.

Grades 3-8.

Students are given realistic problems in science, social studies, sports and games, everyday things, and occupations. Students must use math skills to solve these problems.

Math Blocks. Wff 'N Proof. (Blocks) \$15.00. Batab No. 844499803.

Grades K-4.

These blocks show numerical relationships. Thirty-five blocks vary in lengths from one to ten inches. Various sides have Arabic numbers, spelled number, dots to count and numbered unit lengths.

Math Card Games, by Walter Rucker and Clyde Dilley. Creative Publications, 1974.  
(Games) Cat. No. 10400. \$5.50.

Grades K-3.

Forty-one easy games are grouped into six categories: Beginning Concepts; Basic Facts; Computation; Fractions; Decimals, and Percents; Geometry; and Positive and Negative Numbers.

The Math Entertainer, by Philip Heafford Emerson, 1958. Distributed by Wff 'N Proof. (Book) \$5.95. Batab No. 54945797.

Grades 4-12.

This recreational math book is designed for fun while the user gains skill in mathematical reasoning.

Math Experiments With Pentominoes. Midwest Publications Co., 1976. (Workbook) \$5.95. Batab No. 549457933.

Grades 3-10.

Fifty-one non graded games, activities, and experiments including fundamental operations, geometry, measurement, and problem solving require little or no reading.

Math Experiments With the Tangram, by Dr. Donald L. Ginther. Midwest Publications, 1972. (Workbook) \$5.95. Batab No. 549457941.

Grades K-12.

This supplementary source includes 52 non graded activities, games, and experiments which cover geometry, measurement, and problem solving. These may be reproduced and require little or no reading.

Math Match, by Michael Schwarger. Creative Publications. (Games) Cat. No. 50050. \$3.25. Batab No. 84450162X.

Grades K-12.

Twenty-nine card games may be played to reinforce math facts. Students use mental arithmetic or knowledge of geometry to win.

Math Without Tears, by Roy Hartkapf. Emerson, 1970. Distributed by Wff 'N Proof. (Book) \$7.95. Batab No. 011214171.

Grades 9-12.

The author uses an anecdotal approach to cover basic concepts from simple arithmetic to logarithms, nomography, graphs, trigonometry, series, and calculus.

Mathemagic, by Royal Vale Heath. Distributed by Creative Publications. (Book) Cat. No. 20555. \$1.95.

Grades 5-12.

Forty-nine puzzles and stunts are based on number properties.

Mathematical Carnival: A New Round-up of Tantalizers and Puzzles from Scientific American, by Martin Gardiner. Vintage, 1975. (Book) \$2.95. Batab No. 543474097.

Grades 6-12.

This is a set of very complicated puzzles prepared by a master at games.

Mathematical Puzzles, by Geoffrey Mott-Smith. Distributed by Creative Publications.  
(Book) Cat. No. 20559 \$2.95.

Grades 5-12.

One hundred and eighty-two puzzles and their solutions are of varying levels of difficulty.

Mathematical Puzzles of Sam Loyd, by Martin Gardner. Distributed by Creative Publications. (Book) Cat. No. 20560. \$2.50.

Grades 5-12.

One hundred seventeen puzzles and an analytic table of contents have been selected from the thousands invented by Sam Loyd.

Mathematical Recreations, by Maurice Kraitchik. Distributed by Creative Publications. (Book) Cat. No. 20562. \$3.95. Batab No. 549484116.

Grades 5-12.

This extensive puzzle book provides mental exercise with numerical pastimes, probabilities, magic squares, and geometrical recreations.

Mathematical Teasers, by Julio A. Mira. Distributed by Creative Publications. (Book) Cat. No. 20573 \$2.95. Batab No. 549484124.

Grades 4-12.

One hundred fifty puzzles require great skill in logic.

Mathematics Contest Problems, by Brother Alfred Brousseau. Creative Publications, 1972. (Book) Cat. No. 10160 \$5.00.

Grades 7-12.

Each spring a contest is held at St. Mary's College. Two levels of problems are provided with detailed solutions.

Mathematics in the Making. Houghton Mifflin. (Series of Booklets)

Pattern, Area and Perimeter (paper)	1-03030	\$1.98
Binary and Other Numeration Systems (paper)	1-03031	1.98
Looking at Solids (paper)	1-03032	1.98
Rotation and Angles (paper)	1-03033	1.98
Curves (paper)	1-03034	1.98
Scale Drawing and Surveying (paper)	1-03035	1.98
Transformations and Symmetry (paper)	1-03036	1.98
Networks (paper)	1-03037	1.98
All Sorts of Numbers (paper)	1-03038	1.98
Sets and Relations (paper)	1-03039	1.98
Graphs (paper)	1-03040	1.98
Statistics (paper)	1-03041	1.98

Grades 6-8.

Each booklet provides in-depth instruction and sets of problems to be solved.

Mathematics, Magic and Mystery, by Martin Gardner. Creative Publications. (Book) Cat. No. 20558. \$2.50.

Grades 5-12.

Students are given the information on topological puzzles and geometric vanishing acts.

Mathematics Through Paper Folding, by Alton Olson. National Council of Teachers of Mathematics, 1975. (Book) \$1.75. Batab No. 543586405.

Grades - Professional for use with grades 5-12.

Contents include instructions for basic paper folding, and suggested ways of illustrating specific math concepts.

Mathimagination, by Steve and Janis Marcy. Distributed by Creative Publications. (Workbooks or ditto masters)

10220	Mathimagination Series, 6 Books	\$20.00
10221	Book A, Beginning Multiplication and Division	4.00
10222	Book B, Operations with Whole Numbers	4.00
10223	Book C, Number Theory, Sets, Number Bases	4.00
10224	Book D, Fractions	4.00
10225	Book E, Decimals and Percent	4.00
10226	Book F, Geometry, Measurement, Cartesian Coordinates	4.00
10243	Mathimagination Spirit Master Series	45.00
10244	Book A, Beginning Multiplication and Division, Spirit Masters	8.50
10245	Book B, Operations with Whole Numbers, Spirit Masters	8.50
10246	Book C, Number Theory, Sets, Number Bases, Spirit Masters	8.50
10247	Book D, Fractions, Spirit Masters	8.50
10248	Book E, Decimals and Percent, Spirit Masters	8.50
10249	Book F, Geometry, Measurement, Cartesian Coordinates, Spirit Masters	8.50

Grades 4-9.

The series is designed to provide practice in basic math skills. The practice is embedded in a variety of highly motivating puzzles and activities which make students eager to learn.

Maths Mini-Lab, by Donald Cohen. Selective Educational Equipment, Inc. (Kit including 145 activity cards, teacher's guide, and durable storage box filled with materials: map measurer; maps and timetables; geoboard; cuisenaire rods; geo blocks, color cubes, drawing templates; unbreakable mirrors; tape measure; math game; beans; clay; rubber bands; ruler; drawing compass; protractor; materials to make things such as inclinometers, geo strips, and slide rules; graphs; and materials for outdoor mathematics.) Maths mini-lab, complete kit - \$44.50; Maths Mini-lab Activity Cards and guide only - \$19.50. Batab No. 843760990.

Grades 3-8.

Activities are color-coded by mathematical subjects which include arithmetic, algebra, measurement, geometry, logic, and statistics. The problems are useful for students needing work with tactile or kinesthetic materials.

Matrix. Distributed by Creative Publications. (Game) Cat. No. 40140. \$2.25. Batab No. 549484140.

Grades 2-12.

This game is similar to tic-tac-toe, but not that simple.

Metric Ease, by Carne Barnett. Creative Publications 1975. (Book) Cat. No. 36050 \$4.25. Batab No. 549484183.

Grades 4-9.

Over 70 experiences are provided for teaching area, capacity/volume, mass, time, and temperature. Pages may be used as task cards.

Metric Market. Development Learning Materials. (Game) Cat. No. 450 \$9.25.  
Batah No. 843886649.

Grades 3-12.

This game board is designed to give students practice with metric units, adding, multiplying, and converting them to other metric units.

The Metric System. Addison-Wesley, 1974. (Workbook) Cat. No. 01513 - \$1.92;  
Teacher's - Cat. No. 01514 - \$2.55.

Grades 4-8.

This workbook introduces the metric system and provides actual hands-on activities for measuring.

Mira-Math Kit. Creative Publications. (Kit) Cat. No. 34120 \$3.15. Batah No. 844465887. (Set of 32 - #34122 \$83.50)

Grades 1-12.

Students investigate symmetry, congruence, and plane figures.

Modern School Mathematics. Houghton Mifflin, 1975. (Textbooks)

Course 1 - Grade 7	MCPS Cat. No. 2750306	(Student)	\$6.98
	MCPS Cat. No. 2750307	(Teacher)	9.15
	MCPS Cat. No. 2750309	(Teacher - Key)	3.24
Course 2 - Grade 8	MCPS Cat. No. 2750312	(Student)	6.98
	MCPS Cat. No. 2750313	(Teacher)	9.33
	MCPS Cat. No. 2750314	(Teacher - Key)	3.24

These texts place emphasis on the structure of the number system, the development of computational skills, and the treatment of arithmetic and geometry in one, two, and three dimensions.

More Mathematical Puzzles of Sam Loyd, by Martin Gardner. Distributed by Creative Publications. (Book) Cat. No. 20561 \$2.50

Grades 4-12.

One hundred and sixty-six puzzles are arranged under the categories of arithmetic and algebra, plane geometry, clock problems, and other.

Nine Men's Morris. Creative Publications. (Game) Cat. No. 40260 \$7.50.

Grades 1-12.

This game for two people where each player tries to capture his opponent's men.

The Nuffield Mathematics Teaching Project. Beginnings. John Wiley and Sons, 1969. (Book - Workbook) \$2.50

Grades K-1.

This introduces concepts with measurement, area, capacity, time, etc. using environmental play with sand, water, blocks, shopping, and cooking.

The Nuffield Mathematics Teaching Project. Computation and Structure. John Wiley and Sons, 1969. (4 Booklets) \$2.50 each.

Grades K-6.

Each booklet extends the knowledge of the development of numbers which was begun in Mathematics Begins. Practical work suggestions are given on assignment cards.

The Nuffield Mathematics Teaching Project. Environmental Geometry. John Wiley and Sons, 1969. (1 Guide Book with 56 pages and 20 loose pictures) \$3.50.

Grades K-6.

This guide is a source which identifies mathematical activities and investigations to use in developing student awareness in environmental geometry.

The Nuffield Mathematics Teaching Project. Graphs Leading to Algebra. John Wiley and Sons, 1969. (2 Books - Workbooks) \$2.50 each.

Grades 3-6.

The emphasis is on the investigation of graphic representation of simple mathematical relationships.

The Nuffield Mathematics Teaching Project. How to Build a Pond. John Wiley and Sons, 1969. (1 Booklet) \$1.75.

Grades 4-6.

Using children's own words and pictures, the booklet provides an example of how mathematics might be incorporated into a group project.

The Nuffield Mathematics Teaching Project. Mathematics Begins. John Wiley and Sons, 1969. (1 Book - Workbook) \$2.25

Grades K-1.

This book provides activities and teacher background material for student skill development in the meaning of numbers and initial operations in addition.

The Nuffield Mathematics Teaching Project. Pictorial Representation. John Wiley and Sons, 1969. (1 Booklet) \$2.25.

Grades K-1.

An introduction to the use of graphs begins with suggestions for students to develop concepts with blocks before proceeding to coloring squared paper, bar and line graphs, idea graphs, and Pi-charts. Interpretation of information is emphasized.

The Nuffield Mathematics Teaching Project. Probability and Statistics. John Wiley and Sons, 1969. (1 Booklet) \$2.50.

Grades K-6.

Games which use dominoes, counters, cards, and dice emphasize skills necessary for interpretation of statistics.

The Nuffield Mathematics Teaching Project. Problems. John Wiley and Sons, 1969. (3 Sets: Green Set includes 1 Teacher's Guide, 52 pages; 54 Student Cards; Purple Set includes 1 Teacher's Guide, 106 pages; 50 Student Cards; Red Set includes 1 Teacher's Guide, 80 pages, 37 Student Cards.) \$3.50 each.

Grades 5-7.

Math problems are printed on cards which may be easily used by individual students. The sets range in difficulty beginning with the Green Set. The teacher's guides contain problem solutions plus background information and follow-up suggestions.

The Nuffield Mathematics Teaching Project. Shape and Size. John Wiley and Sons, 1969. (3 Books) \$2.50 each.



Grades 1-6.

These booklets continue to develop geometrical concepts which were begun in Beginnings.

Numerous Numerals, by James Henle. National Council of Teachers of Mathematics, 1975. (Book) \$1.50. Batab No. 542811979.

Grades 6-7.

The teacher explores different number systems (Egyptian fractions, ~~fractions~~, zeroes, perocimals, heximals, and number bases) with students.

NUMO, by Dr. Kenneth Kidd. Midwest Publications Co. (Games) \$15.95. Batab No. 843461586.

Grades 2-6.

Twenty-six bingo type games provide reinforcement in basic arithmetic skills. Games include: Addition 1 or 2; Related Subtraction 1 or 2; Addition 0's; Related Subtraction 0's; Multiplication 0's, 1's, 10's; Related Division 0's, 1's, 1's, 10's; Multiplication 2's, 5's; Related Division 2's, 5's; Multiplication 3's, 5's; Related Division 3's, 6's; Addition Doubles and Near doubles; Related Subtraction Doubles and Near doubles; Multiplication 4's, 8's; Related Division 4's, 8's; Multiplication 7's, 9's; Related Division 7's, 9's; Addition 8 or 9; Related Subtraction 8 or 9; Addition misc. 8-12; Related Subtraction misc. 8-12; Exponents A; Numerals B; Equivalent Fractions A; Equivalent Fractions B; Metric Measures A; Metric Measures B.

On Sets: The Game of Set Theory, by Layman E. Allen, Peter Kugel, and Martin Owens. Wff 'N Proof. (Game Set) \$10.00. Batab No. 544523741.

Grades K-12.

Thirty games provide instruction in the basics of set theory. The focus is on concepts of intersection, logical differences, union, complement, identity, inclusion, and null and universal sets.

100 Numerical Games, by Pierre Berloquin. Scribner, 1976. (Book) \$7.95. Batab No. 543578526.

Grades 4-12.

Students may find this puzzle collection enjoyable as math recreation. Answers are supplied.

101 Basic Computer Games, by David Ahl. Digital Equipment Co., 1973. (Book) \$9.50. Batab No. 544509412.

Grades - Professional for use with grades 7-12.

This collection of games in BASIC gives a descriptive write-up and a sample run of each game.

Open-Ended Task Cards. Teachers Exchange of San Francisco, 1972. (Activity Cards) \$2.00.

Grades 4-8.

Activities on 18 laminated cards provide problems in counting, measurement, graphing, and other math skills.

Palatable Plotting, by Pat Boyle. Creative Publications. (Book) Cat. No. 10100.  
\$4.25.

Grades 9-12.

Conics are used by students to create original drawings of familiar objects. This is useful with advanced algebra.

Paper and Scissors Polygons, by Linda Silvey and Loretta Taylor. Creative Publications, 1976. (Book) Cat. No. 10440 \$4.50.

Grades 3-12.

Written directions and diagrams are given for the equilateral triangle, square, regular pentagon, hexagon, heptagon, octagon, and nonagon. The constructions will be challenging to students in trigonometry and math analysis.

The Paradox Box, by Martin Gardiner. W.H. Freeman, 1975. (Kit including 6 filmstrips with cassettes) \$135.00. Batab No. 843841478.

Grades 7-12.

The series includes the following objectives: To motivate students interested in mathematics; to introduce the viewer to significant mathematical ideas; to initiate enrichment activities; to give insight into the process of problem solving; to give students an appreciation of the beauty, variety, and even the humor of modern mathematics.

Pattern Blocks Activities, by Marian Paternack and Linda Silvey. Creative Publications, 1975. (Books: Book A, Cat. No. 10392 - \$5.50; Book B, Cat. No. 10393 - \$5.50.)

Grades K-9.

These workbooks deal with ordering, counting, continuing patterns, symmetry, area, perimeter, and functions.

Patterns in Space, by Col. Robert S. Beard. Creative Publications. (Book) Cat. No. 10270 \$10.00.

Grades 8-12.

Drawings illustrate projection, isometric techniques, reflection, inversion, and perspective. This will stimulate further study in geometry.

Perception Puzzle Lab Set. Creative Publications, 1977. (Six sets of perception blocks, one set of puzzle cards, Teacher's guide, and Solution Booklet) Cat. No. 34461. \$27.50. Batab No. 844498653.

Grades K-9.

This set helps children to sharpen their visual perception, eye-hand coordination, and problem solving techniques as they maneuver the nine different blocks through 216 carefully sequenced puzzles.

Picture Graphing, by Evelyn Graham. Selective Educational Equipment, 1977. (Workbooks) Cat. No. XPGRAF. \$2.75. Batab No. 544452224.

Grades 2-6.

Drill work (40 reproducible originals) provide exercises for mapping skills and drawing pictures.

PLAN\* Analytic Geometry. Plan Products/Westinghouse Learning Corporation. (Kit including 3 student progress books, teacher's guide, OLU-Achievement test card set, answer pads, placement tests, scoring mask, daily progress wall chart, and duplicating masters). \$64.50. Batab No. 844499781.

Grades 10-12.

This programmed kit may be used with PLAN\* Calculus. It may also be used as enrichment in geometry classes. Major topics include: The Circle and the Parabola; The Ellipse and the Hyperbola; Graphing, Plane Curves, and Parametric Equations; Polar Coordinates and Graphing; Introduction to Solid Analytic Geometry; and Planes, Lines and Surfaces in Space.

PLAN\* Calculus. Plan Products/Westinghouse Learning Corporation. (Kit including 3 student progress books, teacher's guide, OLU-Achievement test card set, answer pads, placement tests, scoring mask, daily progress wall chart, and duplicating masters) Cat. No. 20A001. \$64.50. Batab No. 844499722.

Grades 10-12.

There are 57 performance objectives included in the following topics: Introduction to Derivatives; Derivatives of Trigonometric, Exponential and Logarithmic Functions; Increments of a Function; Parametric Equations; Rolle's Theorem and the Mean Value Theorem; Geometric Applications of the Integral; and Numerical Analysis. This kit may be used with any size class.

PLAN\* Trigonometry. Plan Products/Westinghouse Learning Corporation. (Kit including 5 student progress books, teacher's guide, OLU-Achievement test card set, answer pads, placement tests, scoring mask, daily progress wall chart, duplicating masters) Cat. No. 18A000 \$64.50. Batab No. 844499706.

Grades 10-12.

The one-semester course has its emphasis on Vectors, complex numbers, and circular functions. The 39 performance objectives appear under the following topics: Functions of Angles; Reference Angles, Tables and Applications; Identities and Formulas; Laws of Sine and Cosine; Radians and Circular Functions; Inverse Circular Functions; Introduction to Vectors; and Polar Coordinates.

The Pocket Calculator Game Book, by Edwin Schlossberg and John Brockman. Morrow/Distributed by Creative Publications, 1975. (Book) Cat. No. 20713. \$3.95. Batab No. 549465855..

Grades 3-12.

The small paperback book contains fifty games using a hand-held calculator. Some games are for two players, while others are for four or more. Usually cards, dice, or sticks are additional materials necessary for games.

Probaddility. Wff 'N Proof. (Game) \$1.50. Batab No. 844499684.

Grades 3-12.

The game consists of a deck of cards which is used to make predictions about sums. Decisions are required based on knowledge of opponent's cards and composition of the deck. Students must use deductive reasoning skills.

Problem Solving Kit, by Wallace P. Judd. Science Research Associates. (Kit including 12 sections of cards (each consisting of 1 example card and 11 problem cards for a total of 144 cards), 1 answer booklet, 30 student record folders, 24 evaluation spirit masters, 2 record-keeping spirit masters, 1 class progress record, 2 spirit master markers, 2-page spirit master test to check proficiency with calculators, 1 "Using Your Calculator" workbook, 1 "Using Your Calculator" Guide/Key, and a Teacher's Guide.) (#3-1230 - Problem Solving Kit - \$85.00; #3-1231 - Using Your Calculator (set of 10) and 1 Guide/Answer Key Booklet - \$5.90; #3-1232 - Problem Solving Kit Teacher's Guide - \$2.40; #3-1249 - Problem Solving Kit Specimen Kit - \$4.95) Batab No. 844499668.

Grades 5-12.

The Kit is made up of five sections for strategy (identifying needed information, simplifying a problem, breaking a problem into parts, making a model, doing research); six sections for application (averages, percents, rates, ratios, proportions, combinations, finite differences, sequential ratios); and one section which combines the two. This sequential program provides a good introduction to using a calculator.

Projects for the Math Lab. Creative Teaching Press. (Activity Cards) CTP-401. \$5.95. Batab No. 843768495.

Grades 3-6.

Over 100 activities provide students skill practice in the areas of linear measurement, weight, volume, probability, geometry, graphs, maps, estimation, and math art.

Projects in Metric Measurement. Creative Teaching Press. (Activity Cards) Cat. No. CTP-420. \$5.95. Batab No. 843768509.

Grades 3-6.

Over 100 activities may be used to introduce students to the metric system. Specific topics include: length, mass, volume, area, and temperature.

Puzzles for Pleasure, by E.R. Emmet. Emerson, 1972. Distributed by Wff 'N Proof. (Book). \$7.95. Batab No. 020223412.

Grades 7-12.

Arranged in order of difficulty, the 102 puzzles found in this book may be solved with careful thought and simple mathematical computations.

Rapid Calculations, by A.H. Russell. Emerson, 1956. Distributed by Wff 'N Proof. (Book) \$5.95. Batab No. 875231020.

Grades 3-12.

The book covers a wide range of mathematics topics. Its purpose is to help speed up computation and raise the accuracy level.

The Real Numbers Game, by Layman E. Allen. Wff 'N Proof. (Game Set) \$2.25. Batab No. 843462256.

Grades 1-6.

This five game set deals with real, rational, irrational, integer, and natural numbers. These short games may be played alone or with partners and prepare the student for more complicated activities.

Schoolhouse: Mathematics 1. Science Research Associates, 1975. (Kit including 200 full color Skill Cards (2 copies of each for a total of 400), 10 plastic overlays, 10 markers, 1 pad of 40 Pupil Record Sheets, and a Teacher's Guide) (#3-207900 - Schoolhouse: Mathematics 1, complete kit - \$106.00; #3-207901 Additional Teacher's Guide - \$2.45; #3-207902 - Additional Pupil Record Sheets (pad) - \$1.76; #3-207703 - Package of 10 Plastic Overlays and 10 Markers - \$14.30; #3-207704 - Package of 10 Markers - \$7.57; #3-207919 Review Set - \$4.65). Batab No. 84377889X.

Grades K-1.

Four areas including numeration, operations, geometry, and measurement are focused upon. This may be used independently at a learning center.

Schoolhouse: Mathematics 2. Science Research Associates, 1976. (Kit including 200 full-color Skill Cards (2 copies of each for a total of 400), 10 plastic overlays, 10 markers, 1 pad of 40 Pupil Record Sheets, 30 plastic rulers, and a Teacher's Guide) (#3-207960 - Schoolhouse: Mathematics 2, complete kit - \$106.00; #3-207964 - Additional Teacher's Guide - \$2.45; #3-207962 - Additional Pupil Record Sheets (pad) - \$1.76; #3-207703 - Package of 10 Plastic Overlays and 10 Markers - \$14.30; #3-207704 - Package of 10 Markers - \$7.57; #3-207963 - Package of 30 Rulers - \$4.60; #3-27969 - Review Set - \$4.65.) Batab No. 844567876.

Grades K-3.

This kit is a continuation of Schoolhouse: Mathematics 1.

Schoolhouse: Mathematics 3. Science Research Associates, 1976. (Kit including 200 full-color Skill Cards (2 copies of each for a total of 400), 10 plastic overlays, 10 markers, 1 pad of 40 Pupil Record Sheets, 30 plastic rulers, and a Teacher's Guide) (#3-280090 Schoolhouse: Mathematics 3, complete kit - \$106.00; #3-280094 - Additional Teacher's Guide - \$2.45; #3-280095 - Additional Pupil Record Sheets (pad) - \$1.76; #3-207703 - Package of 10 Plastic Overlays and 10 markers - \$14.30; #3-207704 - Package of 10 Markers - \$7.57; #3-280093 - Package of 30 Rulers - \$4.60; #3-280099 - Review Set - \$4.65.) Batab No. 843829427.

Grades K-4.

This Kit is a continuation of Schoolhouse: Mathematics 2.

Seeing Shapes, by Ernest R. Ranucci. Creative Publications, 1973. (Book) Cat. No. 10250. \$4.25.

Grades 5-12.

This is an instruction book for seeing and drawing shapes. It provides a means for discovering spatial relationships and stimulates imaginative thinking through visual materials.

Skill Through Patterns, by Stanley J. Bezuska, Margaret J. Kenney, M. Vere DeVault, Helen Frehmeyer, and Herbert J. Greenberg. Science Research Associates.

(Duplicating Masters: 3-43200	Preprimary (24 sheets)	\$ 9.36
3-43201	Level 1 (48 sheets)	18.72
3-43202	Level 2 (48 sheets)	18.72
3-43203	Level 3 (72 sheets)	28.08
3-43204	Level 4 (72 sheets)	28.08
3-43205	Level 5 (72 sheets)	28.08
3-43206	Level 6 (72 sheets)	28.08
3-43207	Level 7 (72 sheets)	28.08
3-43208	Level 8 (72 sheets)	28.08

Through independent work, students use discovery and previously learned skills to solve open-ended problems.

Soma Puzzle, by Piet Hein. Soma/Distributed by Creative Publications. (Three dimensional cube puzzle, Cat. No. 40020 - \$4.50; Puzzle Solution Book Cat. No. 10280 - \$1.75) Batab No. 849454727.

Grades 2-12.

This puzzle can be made into a cube in more than one million ways.

Sphereland, by Dionys Burger. Apollo Ed./Distributed by Creative Publications. (Book) Cat. No. 20508. \$2.50. Batab No. 543816885.

Grades 7-12.

The subtitle says that this is a fantasy about curved space. It also deals with the notion of the expanding universe.

Stamina, by Thomas Fahey. Distributed by Creative Publications. (Game) Cat. No. 50620. \$2.95. Batab No. 844501638.

Grades 2-5.

Math practice with operations and numeration is provided by this spinner game.

Supercube, by Lola May. Harcourt, Brace Jovanovich, Inc., 1973. (Program) Cat. No. 354030. \$87.00. Batab No. 843781297.

Grades 3-9.

This collection of about 80 different activities provides for individual exploration of basic concepts in geometry, topology, computers, probability, and many other areas.

Superstructures. Distributed by Creative Publications. (Manipulative Materials - Building Kit - Cat. No. 40191 (128 pieces) - \$11.00; Cat. No. 40192 (300 pieces) - \$19.95.)

Grades 6-12.

This building kit is based on principles of modular structure in nature. This will meet the needs of many geometry students.

Tac-Tickle: A Challenging Game of Pure Strategy, by Harry D. Ruderman. Wff 'N Proof. (Game Set) \$2.00. Batab No. 844499641.

Grades 1-12.

Eight games make up this set for two players. It may be used as a practice aid in computer programming.

Tangram Math Lab Kit, by Ronald C. Read. Creative Publications. (Kit containing material for up to 15 students, includes: Tangramath and Tangram Patterns, Tangram Tracer and Tangram Stickers) Cat. No. 34408. \$23.50.

Grades K-12.

This kit provides patterns for problem solving, aids in discovery of geometric properties, and deals with concepts of shape, congruence, similarity, perimeter and area.

Tangram Sets. Teachers Exchange of San Francisco, 1973. (Manipulative Tangram pieces) \$1.35.



Grades K-8.

Five sets of colored heavy mat board, die cut tangram pieces, may be used with Tangram Tasks or other tangram activities.

Tangram Tasks. Teachers Exchange of San Francisco, 1973. (Activity Cards) \$1.25.

Grades K-8.

Fifteen laminated cards include 30 patterns. These are suited for independent work. Tangram pieces are not included.

Tangramath, by Dale Seymour. Creative Publications. (Book) Cat. No. 10120. \$5.00.

Grades 1-10.

Activities and puzzles use basic tangram pieces. The whole book may be a unit on manipulative problem solving.

Tessellations: The Geometry of Pattern, by Stanley Bezunzka, S.J. Margaret Kenney, and Linda Silvey. Creative Publications. (Book) Cat. No. 10655. \$6.95.

Grades 4-12.

This book provides an innovative means for continuing learning experiences on topics from the geometry strand of the mathematics curriculum. It arouses curiosity and creativity in students.

Thinking Through Problems: A Manual of Heuristics, by Barnabas Hughes. Creative Publications, 1976. (Book) Cat. No. 10430. \$5.25. Batab No. 549478706.

Grades 10-12.

Subjects such as Pascal's Triangle, Fibonacci Numbers, and Finite Differences. Student interest in solving problems, general problem solving techniques are examined.

Tri-Nim: The Game for Complete Strategists, by Bruce and Hervey, Hicks. Wff 'N Proof. (Game) \$5.00. Batab No. 844498629.

Grades 3-12.

Two to three players may be involved in this problem solving game.

Triplets. Midwest Publications Co. (Game) \$3.25. Batab No. 849439214.

Grades 3-5.

This card game is similar to rummy for practicing equivalent fraction identification. Other possible variations include addition and ordering fractions.

TUF. Avalon Hill/Distributed by Creative Publications. (Game) Cat. No. 50030. \$10.50. Batab No. 843483814.

Grades 2-12.

This fast, competitive game is based on number sentences or equations. Played by 1, 2, 3, or 4 players, it requires concentration and logical thought. All players work individually and simultaneously to achieve a goal requiring rapt attention and a continuing effort.

Unique Math Games. Educational Insights, Inc. (Activity Cards) Cat. No. 9110. \$6.95. Batab No. 843883944.

Grades 1-12.

150 activity cards provide the stimulation for solving brainteasers, puzzles, sports problems, and illusions.

Using Your Calculator, by Wallace P. Judd. Science Research Associates. (Workbook) (#3-1231) - Using Your Calculator (package of 10 plus Guide/Key) - \$7.87.

Grades 5-12.

This workbook shows students practical applications for using a calculator. Students must use algebraic logic.

What Are My Chances? by Albert P. Shulte and Stuart A. Choate. Creative Publications, 1977. (Workbooks) Cat. No. 10670 - Book A - \$5.50; Cat. No. 10671 - Book B - \$5.50; Bataf No. 549413442.

Grades 4-9.

Use of these workbooks may develop mathematical thinking skills. Experiences are given for dealing with probability with more real-life situations. Specific skill development is given in predicting, experimenting, and interpreting.

### Recommended Textbooks for Gifted Students in Mathematics

#### Grade 1

1750048	<u>Ginn Mathematics - Level 1.</u>	Ginn and Company, 1975.	(Student)	\$ 3.40
1730031			(Teacher)	5.61

#### Grade 2

1750050	<u>Ginn Mathematics - Level 2.</u>	Ginn and Company, 1975.	(Student)	3.50
1730030			(Teacher)	4.84

#### Grade 3

170034	<u>Ginn Mathematics - Level 3.</u>	Ginn and Company, 1975.	(Student)	6.12
1730035			(Teacher)	7.93

#### Grade 4

1730036	<u>Ginn Mathematics - Level 4.</u>	Ginn and Company, 1975.	(Student)	6.05
1730037			(Teacher)	7.70

#### Grade 5

1730038	<u>Ginn Mathematics - Level 5.</u>	Ginn and Company, 1975.	(Student)	6.05
1730039			(Teacher)	7.70

Grade 61730040 Ginn Mathematics - Level 6. Ginn and Company, 1975.

(Student) \$ 6.05

1730041 (Teacher) 7.70

Grades 7-9 - Unified Mathematics2740242 Unified Mathematics - Course I. Addison Wesley Publishing Co., 1972.

(Student) 7.05

2710909 (Teacher) 4.19

2740244 Unified Mathematics - Course II. Addison Wesley Publishing Co., 1972.

(Student) 7.41

2710911 (Teacher) 4.19

2740246 Unified Mathematics - Course III. Addison Wesley Publishing Co., 1972.

(Student) 7.25

2710193 (Teacher) 4.02

2770158 Unified Mathematics - Course IV. Addison Wesley Publishing Co., 1974.

(Student) 9.10

2770159 (Teacher) 4.02

Grades 7-9 - Pre-Algebra2760264 Mathematics One. Random House/Singer School Division, 1974.

(Student) 6.95

2760265 (Teacher) 11.18

2760266 Mathematics Two. Random House/Singer School Division, 1974.

(Student) 6.95

2760267 (Teacher) 11.18

2750306 Modern School Math. Houghton Mifflin Co., 1975. (Student) 6.98

2750307 (Teacher) 9.15

2750309 (Key) 3.24

2750310 Modern School Math. Houghton Mifflin Co., 1975. (Student) 6.98

2750311 (Teacher) 9.33

2750313 (Key) 3.24

Grades 8-12 - Algebra I2700316 Algebra 1. Harcourt, Brace Jovanovich, Inc., 1977.

(Student) 7.72

2700317 (Teacher) 8.74

2750043 Algebra 1. Houghton Mifflin Co., 1978. (Teacher) 9.78

2750042 (Student) 8.12

2750045 (Key) 4.59

2770294 Using Algebra. Laidlaw, 1977. (Student) 7.97

2770295 (Teacher) 8.43

Grades 9-12 - Algebra II

2700318	<u>Algebra 2 with Trigonometry.</u>	Harcourt Brace Jovanovich, Inc., 1977.	(Student)	\$ 8.18
2700319			(Teacher)	8.18
2191802	<u>Modern Algebra and Trigonometry, Structure &amp; Method, Book 2, Revised Edition (Green).</u>	Houghton Mifflin Co., 1973.	(Student)	8.21
2191803			(Teacher)	11.12
2680991			(Key)	6.11

Grades 11-12 - Computer Math

2730128	<u>Basic Basic.</u>	Hayden Book Company, Inc., 1970.	(Student)	8.19
---------	---------------------	----------------------------------	-----------	------

Grades 9-12 - Geometry

2191818	<u>Geometry.</u>	Addison Wesley Publishing Co., 1975	(Student)	8.77
2680781			(Teacher)	11.53

Grades 11-12 - Elementary Functions

2720210	<u>Analysis of Elementary Functions.</u>	Houghton Mifflin, 1974.	(Student)	7.47
---------	--	-------------------------	-----------	------

Grades 11-12 - Analytic Geometry

2750596	<u>Analytic Geometry, 4th Edition.</u>	Addison Wesley Publishing Co., 1973.	(Student)	9.31
2750597			(Teacher)	.85
2740278	<u>Analytical Geometry, 3rd Edition.</u>	McGraw-Hill Book Company, 1968.	(Student)	11.19
2740279			(Teacher)	2.10
2750598	<u>Modern Analytic Geometry.</u>	Houghton Mifflin Co., 1978.	(Student)	8.83

Grades 11-12 - Matrices

2740254	<u>Mathematics of Matrices.</u>	John Wiley and Sons, 1973.	(Student)	10.13
---------	---------------------------------	----------------------------	-----------	-------

Grades 11-12 - Elementary Functions and Analytic Geometry

2730115	<u>Pre-Calculus Math.</u>	Addison-Wesley, 1972.	(Teacher)	4.71
2730114			(Student)	9.88
2760270	<u>Pre-Calculus Mathematics</u>	Charles E. Merrill Publishing, 1976.	(Student)	9.27
2760271			(Teacher)	10.25

Grades 11-12 - Trigonometry

2191880	<u>Modern Trigonometry.</u>	Houghton Mifflin Co., 1976.	(Student)	8.74
2191881			(Teacher)	4.38

2740248	<u>Trigonometry.</u>	American Book Company, 1973.	(Student)	\$ 7.19
2740249			(Teacher)	8.97

Grade 12 - Calculus

2191830	<u>Elements of Calculus and Analytic Geometry, 2nd Edition.</u>	Addison Wesley Publishing Co., 1976.	(Student)	11.30
2191833			(Teacher Manual)	12.36
2191831			(Teacher)	3.90

Grades 11-12 - Probability and Statistics

2740478	<u>Introductory Statistics and Probability: A Basis for Decision Making.</u>	Houghton Mifflin Co., 1975	(Student)	8.58
2740479			(Teacher)	3.15
2750498	<u>Probability with Statistical Applications.</u>	Addison Wesley Publishing Co., 1970.	(Student)	12.71
2750499			(Teacher)	4.21

above & beyond

science





The ABC's of Herbs, by Alfred Lazow and Pearl A. Nelson. Disseminators of Knowledge. (Book) \$2.50.

Grades K-12

After being provided with a brief history of herbs, their culture and use, students are given simple recipes for school projects.

Action Science Experiments. Teachers Exchange of San Francisco, 1975. (Activity Cards) \$1.75.

Grades 3-6

Independent or group science experiments using simple equipment are provided on twenty-three laminated cards. The experiments are of a general science nature (example: Safety-Pin Telegraph) and may be completed in about a 45-minute period.

Adventures in Electrochemistry, by Alfred Morgan. Scribner's, 1977. (Book) \$5.00. Batab No. 006530303.

Grades 5-8

Provides detailed instructions for more than forty easily performed experiments and complete directions for the construction of apparatus and experimental equipment.

Adventures with a Cardboard Tube, by Harry Milgram. Dutton, 1972. (Book) \$6.50. Batab No. 020110219.

Grades 3-6

Cardboard tubes can be used to block light, collect sound, move objects from one place to another, put a make-believe hole in your hand and many other handy ways of exploring science.

Attribute Games and Problems. American Science & Engineering, Inc. (Kit) \$78.25. Batab No. 843530960.

Grades K-9

This kit is designed to encourage the development of logical thinking skills with respect to classification, class and set relationships, and mental transformations.

Biology Experiments for Children, by Ethel Hanover. Dover Publications, 1962. (Book) \$1.25. Batab No. 549493255.

Grades 3-6

The first part of this book introduces cells and discusses how to use a microscope. The other three parts investigate plant and animal life. Provided are answers to such questions as why and how plants and animals live and grow, why leaves are food factories, why living things need sunlight, and how you can raise plants without seeds.

Brain Boosters: A Book of Exasperating Nature and Science Puzzles, by David Webster. Natural History Press, 1966. \$3.50. Batab No. 004085000.

Grades 4-8

Provides a collection of science-oriented puzzles, experiments and brain-teasers. Areas included in the puzzles are biology, physics, chemistry, astronomy, and mathematics.

Chemistry Experiments for Children, by Virginia Mullins. Dover, 1968. (Book)  
\$1.25. Batab No. 549493476.

Grades 3-6

Most of the equipment required for conducting the experiments are found around the house or may be obtained at the local drug store. The experiments include chemicals in the air, water, solutions, diffusion and osmosis, crystals, fire, acids, bases, salts and photography.

Colored Solutions. American Science and Engineering, Inc. (Kit) \$43.25.  
Batab No. 844492450.

Grades 3-8

This kit contains activities in liquid density using colored solutions and common liquids. It also helps with developing science investigative techniques.

Creative Science Experiences for the Young Child, by Imogene Forte and Joy MacKenzie. Incentive Publications, 1973. (Book and ditto masters) \$5.95.

Grades K-3

Exercises, inquiries, and experiments rely on the personal discovery and experience approach.

Dictionary of Scientific Biography, by Charles Gillispie. Scribner's, 1976.  
Vols. I-XIV. (Books) \$35.00 ea. Batab No. 549467386.

Useful for students interested in the development of scientific idea and concepts throughout recorded history. Provides factual information on the scientist's lives and discusses their work in relation to that of their predecessors, contemporaries, and successors. Living scientists are omitted.

Earthquakes. National Geographic, 1977. (Kit including 3 color pictures (7 1/2" x 11"), 1 cassette and mini-filmstrip, 30 read-along narrations, 1 duplicating master, and 1 teacher's guide) \$14.95. Batab No. 84453997X.

Grades K-4

This set introduces students to the power of an earthquake.

Easy Experiments with Water Pollution, by Harry Sootin. Four Winds Press, 1974. (Book) \$5.25. Batab No. 024489751.

Grades 3-4

Nine experiments dealing with water purification, water hardness, dissolved oxygen content, biodegradability of substances, toxic metal contamination, and bacterial action in drinking water are fully described to the reader.

Electricity Experiments for Children, by Gabriel Reuben. Dover, 1960. (Book)  
\$1.25. Batab No. 486220303.

Grades 3-6

Projects include making a compass, wiring an electromagnet, obtaining electricity from a lemon, reactivating a dry cell battery, making a flashlight, wiring in series and in parallel, constructing a workable telegraph set and many other projects. Most of the equipment required for conducting the experiments are found around the house or easily obtained at a drug or hardware store.

Energy: Crisis and Revolution. United Learning. (Kit of 6 filmstrips with 6 cassettes and one teacher's guide. Cat. No. 46) \$85.00. Batab No. 844567086.

Grades 6-12

This kit provides an overview of the world energy sources and presents problems with possible solutions. Titles include: "Introduction to Energy," "Fossil Fuels - Coal," "Fossil Fuels - Oil and Natural Gas," "Electrical Energy," "Nuclear Energy," and "Alternatives for the Future."

Experiments in Astronomy for Amateurs, by Richard Knox. St. Martins, 1977. (Book) \$8.95. Batab No. 549476009.

Grades 3-12

For the star gazer who wishes to make useful observations of the motion of the sky without a telescope and who is not afraid of some mathematics, including trigonometry, this is the reference.

Fieldbook of Natural History, by Laurence Palmer. McGraw-Hill, 1975. (Book) \$19.95. Batab No. 023974796.

Grades 9-12

Concise information on rocks, stars, planets, plants and animals found in the natural world are reviewed.

Food Chains and Ecosystems: Ecology for Young Experimenters, by George Schwartz. Doubleday, 1974. (Book) \$5.25. Batab No. 025705881.

Grades 3-5

Contains simple ideas and suggestions to help the young person who is seriously interested in studying ecology outdoors.

Handbook for Scientific Photography, by Alfred Blaker. Freeman, 1977. (Book) \$22.50. Batab No. 549478442.

Grades 10-12

Handbook is designed to assist both scientists and science students in the production of publication quality still photographs.

Heating and Cooling. American Science & Engineering, Inc. (Kit) \$64.50. Batab No. 849470943.

Grades 5-7

This kit contains materials which enable children to conduct experiments in expansion and contraction.

The Hidden World: The Story of Microscopic Life, by Paul Villiard. Four Winds Press, 1975. (Book) \$6.50. Batab No. 031475922.

Grades 4-7

This volume provides many activities for the budding microscopist.

How Plants Are Pollinated, by Joan Elma Rahn. Atheneum, 1975. (Book) \$5.95. Batab No. 034112790.

Grades 3-6

An introduction to plant reproduction by pollinization is presented in a well-written and beautifully illustrated fashion.

How to Build a Better Mousetrap Car and other Experimental Science Fun, by Al Renner. Dodd. (Book). Batab No. 544554906.

Grades 3-7

Projects that can be built from easily obtainable materials that offer students an opportunity to be creative and use scientific methods, are presented.

How To Do a Science Project, by David Webster. Watts, 1974. (Book) \$5.95. Batab No. 024432571.

Grades 3-6

Provides details on how to observe, experiment, draw conclusions and write a detailed report to inform others of your research.

How to Solve Problems: Elements of Theory of Problems and Problem Solving, by Wayne Wickelgren. Freeman, 1974. (Book) \$10.00. Batab No. 549574387.

Grades 9-12

This volume provides theoretical and practical analyses of problems and problem solving in artificial intelligence and computer simulation of thought.

How to Use a Microscope, by W. G. Hartley. Natural History Press, 1964. (Book) \$1.45. Batab No. 549478469.

Grades 8-12.

Theoretical significance of securing optimum image quality by the proper adjustment of every component from light source to eyepiece are described with practicality. Includes techniques for recording microscopic images through photomicrography.

The Illustrated Encyclopedia of Science and Technology. Marshall Cavendish Corp., 1977. (Encyclopedia Set (20)) \$189.50. Batab No. 543866.

Grades 6-12

This excellent set provides detailed information on the workings of various inventions. It provides detailed diagrams and illustrations.

The Illustrated Encyclopedia of the Animal Kingdom, Grolier, 1972. (Encyclopedia Set (20 vols.)) \$139.50. Batab No. 543842088.

Grades K-8.

This set provides detailed information on various species of the animal kingdom.

In-Quest. Wff'N Proof. (Game) \$9.00. Batab No. 849578000.

Grades 7-12

The game requires students to make decisions and defend positions on a possible 160 biological and physical science problems. Individuals will report scientific observations, make measurements, interpret data, and analyze theories.

Insect Zoo, How To Collect and Care for Insects, by Constance Ewbank. Walker Pub., 1973. (Book) \$5.00. Batab No. 025597892.

Grades 3-5

Provides helpful hints on how to start your own insect zoo and care for it. To keep insects alive successfully, you should learn about their habits.

Let's Make a Kite? by Jack Stokes. Henry Z. Walck, Inc., 1976. (Book) \$6.95. Batab No. 037188305.

Grades 3-5

Instructions for making a kite with easy-to-find materials, are outlined.

Loving and Beyond: Science Teaching for the Humanistic Classroom, by Joe Abruscato and Jack Hassard. Goodyear, 1976. (Book) \$7.95. Batab No. (hb) 876205368; Batab No. (pt) 87620535X.

Grades - Professional for use with grades K-6

The handbook is divided into two sections. The first is for teachers and presents basic methods for developing a humanistic learning environment. The second section provides 80 concrete science experiences. Provocative questions are recorded. A great deal of emphasis is placed on sensory awareness, science processes, and inquiry. This guide would be especially useful to a beginning teacher working with younger students.

Making Scientific Toys, by Carson Ritchie. Nelson, 1975. (Book) \$6.50. Batab No. 037407503.

Grades 3-4

Learning science through toys that demonstrate or illustrate the principles of science can be fun. The toys can be made from inexpensive and readily available materials.

<u>Man and the Ocean</u> . Nystrom. (Multi-media kit including Ocean Features Model, raised relief with overlay and cassette, 47 1/2" x 35 1/2"	20C90C	120.00
Desk-Size Ocean Features Model Reproductions, envelope of 30	20C90R	3.75
Bathymetric World Model, raised relief with cassette, 67" x 47"	20C98C	95.00
Desk-size Bathymetric World Model Reproductions, envelope of 30	20C98R	3.75
12" Bathymetric Globe, raised relief with cassette	20C12C	48.50
Desk-size Bathymetric Globe Reproductions, envelope of 30	20C98AM	2.25
5 Sound Filmstrips, with cassettes	20C300	125.00
Study Prints, set of 48	20C200	96.00
Idea Cards, set of 30 with binder	20C470	32.00
Activity Sheets (Copy Masters) 2 envelopes of 48 sheets each	20C450	17.00
Teacher's Guide	20C460	3.50
Man and the Ocean, complete	20C1000	495.00)

Batab No. w/rec's 843749318

Batab No. w/cass. 84374930X



Man and the Ocean (continued)

Grades 5-10

Using the materials, the kit encourages students to become involved as they develop concepts about the earth's land-and-water relationships. The main topics covered include:

The Ocean Frontier  
The Physical Environment  
The Biological Environment  
The Ocean and the World Ecosystem  
Man Uses the Ocean

McGraw-Hill Dictionary of Scientific and Technical Terms, by Daniel Lapedes.  
McGraw-Hill, 1974. (Book) \$39.50. Batab No. 549587233.

Grades 9-12

Extensive listing of terms for approximately 100 well-defined fields of science and technology, are included.

Mr. Wizard's 400 Experiments in Science, by Don Herbert and Hy Ruchlis.  
Book-Lab, 1968. (Book) \$2.25. Batab No. 54949720X

Grades 3-5

Provides experiments with plants, human senses, water, surface tension, air pressure, carbon dioxide, bicycles, flying, earth satellites, center of gravity, magnetism, static electricity, light and sight, mirrors and many more fun experiments.

The Night Sky Book: An Everyday Guide to Every Night, by Jamie Jobb. Little, Brown and Co., 1977. (Book) \$7.95. Batab No. 549478221.

Grades K-9

Enrichment activities are designed to unveil the wonders of the night from shooting stars to hidden shapes.

Observation and Explanation: A Guide to Philosophy of Science, by Norwood Russell Hanson. Harper & Row, 1971. (Book) \$1.50 pp. Batab No. 54947787X.

Grades 9-12

This introduction to the philosophy of science includes observation, facts, measurement, induction, experiment, causality, explanation, laws, and theoretical entities.

Our Environment: Problem or Promise? Nystrom. (Multi-media kit, including 5 sound filmstrips; 18 study prints with 4 related narrative cassettes; 50 spirit duplicator masters including attitude inventory, filmstrip check lists, pre-/post-lesson assessments and activity sheets; a comprehensive teacher's guide.)

Our Environment: Problem or Promise? complete 2ENV1000 \$195.00  
Batab No. w/rec. 84382828S  
Batab No. w/cass. 843767138

Our Environment: Problem or Promise? (continued)

**Grades 4-9**

This program is designed to help intermediate level students learn about the environment, examine environmental problems, and understand the balances in nature. Units include:

- The Problem: What Can We Do?
- Ecology: The Web of Nature
- Air: Pure or Polluted?
- Water: Clean or Contaminated?
- Land: Blighted or Bountiful?

Perspectives on Psychology: Introductory Readings, by Ira Cohen. Praeger, 1975. (Book) Batab No. 033768110.

**Grades 9-12**

Thirty-five readings on topics ranging from sanity to yogi control of psychic heat are included.

Physics Experiments for Children, by Muriel Mandell. Sterling Pub., 1959. (Book) \$1.25. Batab No. 486220338.

**Grades 3-6**

Most of the equipment required for conducting the experiments are found around the house. This provides 103 different experiments and demonstrations planned to illustrate important principles of science and how substances are affected by the different forms of energy.

Primary Balancing. American Science & Engineering, Inc. (Kit) \$124.75. Batab No. 84947096X.

**Grades K-4**

This kit is designed to assist with the learning of weight, position on a beam, and its relation to the fulcrum point. Other activities include sorting, counting, and balancing through proper distribution of weight.

Probe. Educational Service, Int. (Book) \$5.25. Batab No. 543540081.

**Grades - Professional for use with grades K-8**

Purposes, materials, introductions, diagrams, and other pertinent information identify new science activities for use with students.

Queries 'N Theories: The Game of Science and Language, by Layman E. Allen, Joan Ross, and Peter Kugel. Wff 'N Proof. (Game) \$13.00. Batab No. 845462116.

**Grades 6-12**

Students learn the scientific method of inquiry through inductive reasoning. The linguistic game concentrates on organizing, analyzing, and synthesizing skills.

Recyclopedias: Games, Science Equipment, and Crafts from Recycled Materials, by Robin Simons. Houghton Mifflin, 1976. (Book) \$6.95. Batab No. 542823446.

Grades 3-6

Provides many ideas for using the materials in the classroom for the construction of games, science equipment, and crafts projects.

SAM (A Science and Math Lab). Selective Educational Equipment, Inc.

(Multi-media program. The complete kit consists of a Teacher's Guide; 550 activity cards including evaluation cards with their answer cards; a large file box for the cards; index tab cards for separating the 23 sets of cards; a Concept-Index-Chart; all the equipment for the activities except pencils, rulers, and paper; and a wheeling storage cart with shelf labels for orderly storage in a minimal amount of space.

SAM, complete kit

XK1To5

\$325.00

A complete set of printed materials consists of a Teacher's Guide; 550 activity cards (including evaluation cards with their answer cards); a large file box for the cards; index tab cards for separating the 23 sets of cards; and a Concept-Index Chart.

SAM, complete set of printed materials  
(for components, see complete catalog)  
Batab No. 844538868

XSAMAC

\$ 87.50

Grades K-6

Students using the kit complete activities in the following:

Science - balancing, properties of the compass, magnetism, and electricity.  
Math concepts and skills - (numbers) counting, addition, subtraction, multiplication, division, place value, greater than and less than, equations and open sentences, fractions; (measurement) linear and time; (geometry) shape names and properties, symmetry, perimeter, area, and volume.

General math and science skills - classification, comparison of attributes, sets, subsets, and intersecting sets; observation, duplication, and analyses of patterns; organizing, charting, and analyzing data; trial and error, logic, prediction, problem posing and problem solving.

General skills - creativity, following directions, vocabulary development, written and oral communication, visual discrimination, self-confidence, motivation, coping with anxiety, and cooperating with others.

Science, by Sharon Carter and Jill Purdy. Frank Schaffer, 1975. (Activity Cards (5" x 8") (#231)) \$4.95. Batab No. 849585600.

Grades K-2

Stresses observation, comparison, and inference as related to the world around us - plants, the senses, physical properties of our environment and simple physics.

Science Experiments and Amusements for Children, by Charles Vivian. Dover, 1963. (Book) \$1.25. Batab No. 486218562.

Grades K-6.

Provides background information and step-by-step instructions to make an air-screw, mariner's compass, simple siphon, pinhole camera, thermometer, invisible ink, simple electric motor, periscope, boomerang, 3-D viewer and many other interesting things.

Science Experiments You Can Eat, by Vicki Cobb. Lippincott, 1974. (Book) \$5.95. Batab No. (for paperback only, \$2.50) 549453857.

Grades K-12

Designed to teach the principles of science and science inquiry, the experiments all deal with produced changes in food.

Solar Energy: Putting Sunshine in Your Life. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guide) \$139.50 Batab No. 849466679.

Grades 10-12

Two parts deal with the latest technological developments in solar energy and with a family planning to build a solar home.

The Vocabulary of Science, by Lancelot Hogben. Stein & Day, 1970. (Book) \$6.95. Batab No. 549477802.

Grades 9-12

The volume introduces Latin and Greek origins of modern scientific terms and provides insight into the rationale of nomenclature.

Why Kites Fly: The Story of the Wind at Work, by Don Dwiggins. Children's Press, 1976. (Book) \$5.00. Batab No. 037455028.

Grades 3-4

This book explains the whys and hows of kite flying. Complete instructions on how to make your own kite from a plastic trash bag are provided.

## Recommended Textbooks for Gifted Students in Science

### General Science

#### Grade 7

2700640 Focus on Life Science. Charles E. Merrill, 1977.  
(Student) \$ 8.21  
2750419 (Teacher) 9.76

2701204 Interaction: Man and Biosphere. 2nd. ed.  
Rand McNally, 1975.

2701205 (Student) \$ 8.68  
(Teacher) 8.43

2312188 Modern Life Science. Holt, Rinehart and  
Winston, 1974.

2680645 (Student) \$ 8.12  
(Teacher) 10.16

#### Grade 8

2740076 Investigating the Earth. Houghton Mifflin, 1976.

2750086 (Student) \$ 9.73  
(Teacher) 6.36

2700616 Matter; An Earth Science. Harcourt Brace  
Jovanovich, 1976.

(Student) \$ 8.65

2740070 Spaceship Earth - Earth Science. Houghton Mifflin, 1976.

2740071 (Student) \$ 9.64  
(Teacher) 11.71

### Laboratory Science

#### Grade 9

2730392 Guide to the Study of Environmental Pollution.  
Prentice Hall, 1972.

(Student) \$ 4.10

### Advanced Biology

#### Grade 12

2312128 Biological Science: Interaction of Experiments  
and Ideas. Prentice Hall, 1977.

2680625 (Student) \$10.75  
(Teacher) 3.60

2312130 Biology. W. B. Saunders, 1977.

(Student) \$14.79

2770184 Kimber-Gray: Anatomy and Physiology.  
Macmillan, 1972.

2770185 (Student) \$11.12  
(Teacher) free

## Advanced Biology (continued)

- 2770032 Life: An Introduction to Biology. Harcourt  
Brace Jovanovich, 1969. (Student) \$ 9.97
- 2680682 Science of Biology. McGraw Hill, 1971. (Student) \$13.41
- 2680683 (Teacher) 2.52

## Chemistry

### Grades 11-12.

- 2760212 General Chemistry. D.C. Heath, 1976. (Student) \$13.14
- 2760213 (Teacher) free

## Advanced Chemistry

### Grade 12

- 2760208 Chemical Principles and Properties. McGraw Hill, 1974. \$
- (Student) \$13.84
- 2760209 (Teacher) 6.12
- 2780070 Chemical Principles. W. B. Saunders, 1973. (Student) \$14.95
- 2780072 Essentials of Organic and Biochemistry.
- W. B. Saunders, 1974. (Student) \$11.75

## Earth Science

### Grades 11-12

- 2760214 Astronomy: Fundamentals and Frontiers. John
- Wiley and Sons, 1977. (Student) \$ 8.40

## Environmental Science

### Grades 10-12

- 2780068 Environmental Science. W.B. Saunders, 1974. (Student) \$12.95

## Physical Science

### Grades 10-12

- 2780440 Physical Science. Prentice Hall, 1972. (Student) \$ 4.95
- 2780441 (Teacher) 10.74
- 2780096 World of Physics. Addison Wesley, 1977. (Student) \$ 8.73



## Physics

### Grades 11-12

- 2780074 College Physics. Addison Wesley, 1974. (Student) \$13.56
- 2700320 Concepts in Physics. Harcourt Brace  
Jovanovich, 1974. (Student) \$ 8.18
- 2770038 Investigations in Physics. Rand McNally,  
1974. (Student) \$11.05
- 2730328 Project Physics. Holt, Rinehart and Winston,  
1975. (Student) \$10.25
- 2312208 Physics. D. C. Heath, 1976. (Student) \$10.25

above & beyond

social studies



About My School. Good Apple. (Poster 18" x 24") 25 for \$4.00. Batab No. 849467020.

Grades 2-6

By completing the poster, students learn it requires many people to run a school. Each student must do research, interview personnel, and make maps.

All About Me Good Apple. (Poster 18" x 24") 25 for \$4.00. Batab No. 849467004.

Grades K-1

The poster is used by the student to share written messages about himself/herself. It is useful in developing self-concept.

The American City: Problems and Promise. National Geographic, 1974.  
(Multi-media kit including: five sound filmstrips - Cat. No. 03762 (records) - \$74.50, Batab No. 843549378; Cat. No. 03763 (cassettes) - \$74.50, Batab No. 843549386)

Grades 5-12.

Individual titles include:

Yesterday's Travel  
People on the Move  
Supplying the Market  
Traffic in the City  
Tomorrow's Travel

The American Experience. Nystrom. (Multi-media kit in four parts including:

Immigration and Migration	2AE100	\$160.00
Activity Sheets, 30 sets	230-AE150	45.00
Student Readers, set of 10	210-AE155	14.00
Teacher's Guide	2AE160	1.50
Values and Attitudes	2AE200	160.00
Activity Sheets, 30 sets	230-AE250	45.00
Student Readers, set of 10	210-AE255	14.00
Teacher's Guide	2AE260	1.50
Technology and Change	2AE300	160.00
Activity Sheets, 30 sets	230-AE350	45.00
Student Readers, set of 10	210-AE355	14.00
Teacher's Guide	2AE360	1.50
Lifestyles and Roles	2AE400	160.00
Activity Sheets, 30 sets	230-AE450	45.00
Student Readers, set of 10	210-AE455	14.00
Teacher's Guide	2AE460	1.50
The American Experience, complete 4 kits	2CAE1000	\$580.00)

The American Experience (continued)

Batab No. 843828404

Grades 5-10

The main theme is the impact of change. Each of the four sections contains five sound filmstrips, ten readers, a set of ditto master activity sheets, and a teacher's guide.

Titles and themes in the four sections are as follows:

Immigration and Migration

The Golden Land

The First Wave

Frontiers

A Flood of Peoples

Strangers in the City

Values and Attitudes

Freedom and Morality

The Work Ethic

Prejudice

Rules of the Game

Two Generations

Technology and Change

Super Grow

Machines of Plenty

Interchangeable Parts

Workingmen's Blues

Cities

Lifestyles and Roles

Frontier Family

Spare Time

Emancipated Women

Pictures from the Twenties

Advertisements for Myself

American History, by Susan Ryons. Frank Schaffer, 1975. (Activity Cards - 5" x 8") (#263) \$4.95. Batab No. 849467195.

Grade 2

Forty-eight cards provide puzzles, art, research and creative history, while learning American history. Skills stressed include reading, creative thinking, and math.

The American Experience: Becoming an American. BFA, 1975. (Film) F7058

Grades 7-12

Shows Italian-Americans, Mexican-Americans and Chinese-Americans illustrating the process of change, assimilation, and problems faced by immigrant groups.

The American Experience: Our Living Traditions. BFA, 1975. (Film) F7071.

Grades 4-12

Explores the diversity of customs, traditions and celebrations of five ethnic groups (Scottish-Americans, Black Americans, Native Americans, Greek Americans, and Danish Americans) and discusses their pride in their bicultural identity.

The American Experience: Religious Diversity. BFA, 1976. (Film) F7070.

Grades 10-12

Highlights characteristics of various denominations emphasizing both diversities and similarities.

The American History Slide Collection. Instructional Resources Corporation/  
Distributed by Media Fair. (Slide Set) - \$795.00.

Grades K-12

This collection of over 2,100 reproducible slides is useful when used with the teacher's guide and provides infinite possibilities for students to create their own programs. Photographs are from the National Archives and are grouped as follows:

Explorers and Early America  
The Age of the American Revolution  
American Indians  
The Civil War  
The West  
Presidents and National Campaigns  
An American Gallery: Portraits of Famous Americans  
Black America  
American Women  
Hispanic-Americans  
Agricultural and Rural America  
American Cities and Towns  
America at War  
American Labor and Industry  
Posters and Advertising  
Transportation - From Horses to Rockets  
Horse Power, Ships, Railroads, Automobiles, Aviation  
America at Play  
Movements and Protest

American Indian Influence on the U.S. Dana Productions, 1972. (Film) F7052.

Grades 10-12

Describes the many contributions of the first Americans.

American Indians. Educational Insights, Inc. (Activity Cards, Order No. 9117)  
\$5.95. Batab No. 843548827.

Grades 4-12

Background information, self-inquiry questions, and projects are furnished the student on native Americans, specifically in the areas of history, literature, famous people, music and dance, education, and current issues.



The Americans, by Daniel Boorstin. Random House, 1974. (Book set in 3 volumes, \$47.50. Vol. 1 - pb. \$3.95; \$15.00; Vol. 2 - pb. \$4.95, \$15.00; Vol. 3 - pb. \$5.95, \$17.00.) Batab No. 549478256.

Grades 10-12

Three books make up this trilogy on American society. Titles include:

The Americans: The Colonial Experience, 1958. Batab No.003110923  
The Americans: The National Experience, 1965. Batab No.022600635  
The Americans: The Democratic Experience, 1973. Batab No.549478353

The trilogy is not written as a traditional history, but in chapters which explore various facets of American history and culture.

Americans on America: Our Identity and Self-Image. The Center for Humanities. Multi-media kit including 157 slides in 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guide) \$139.50. Batab No. 843513748.

Grades 10-12

Divided into two parts, the first section shows the differences between the colonists and the British. In the second half, entitled Conflicting Images, examples show how the national character reflects conflicting values of freedom and independence and conquering the land.

Americard - U.S.A. Wff 'N Proof. (Game) \$9.00. Batab No. 849467152.

Grades K-12

The board game set includes several possible games which range in complexity. The first games provide students with background about the size, shape, and location of the fifty United States. Later games focus on geographical, historical, current events, and constitutional information.

America's Urban Needs. Society for Visual Education, Inc. Kit of 6 filmstrips with 3 records or cassettes and 6 guides. \$78.00. Batab No. w/cassette - 849466946; w/record - 843561955.

Grades 3-6

Society requires many interrelated services to meet needs of urban areas. This set provides an on-location description of these services. Titles include:

225-1 Our Urban Needs: Transportation  
225-2 Our Urban Needs: Communication  
225-3 Our Urban Needs: Water  
225-4 Our Urban Needs: Electricity  
225-5 Our Urban Needs: Health Care  
225-6 Our Urban Needs: Sanitation Services

Angel and Big Joe. Learning Corporation of America. (Film) F7033.

Grades 7-12

Delicate and compassionate observation of the deepening bond between two people of quite dissimilar ages and cultures; and the decision at a given moment whether one's responsibility is to others or to oneself.

The Arab Identity: Who Are the Arabs? Learning Corporation of America, 1975.  
(Film) F7040.

Grades 7-12

The diversity of 125 million Arabs, and the unifying power of their centuries-old heritage.

The Art and Industry of Sandcastles, by Jan Adkins. Walker, Ryerson, 1971.  
(Book) \$4.95. Batab No. 00825513X.

Grades 4-9

Not only does the author give instructions on sandcastle building techniques, but provides a description of types of castles built during the Middle Ages. The text is in cursive. This would be useful when used with David Macauley's book, Castle, in a unit on the Middle Ages.

BaFa BaFa: A Cross Culture Simulation, by R. Garry Shirts. Simile II. (Game including 2 cassettes, badges, chips, trading cards, sets for Alpha culture, and guide book) \$35.00. Batab No. 849467128.

Grades 10-12

Useful as an introduction to studying foreign cultures, this simulation game leads to discussion and examination of stereotypes. Students are divided into two cultural groups, alphas and betas. There are separate rules for both and groups visit each other without being able to ask rules.

Becoming Somebody, by Charles E. Schafer. Disseminators of Knowledge, 1973.  
(Book) \$3.95. Batab No. 549455671.

Grades - Professional for use with grades K-4

Open-ended questions and creative activities are provided for pre-school and primary children.

The Big Book of People and Words, by Sandra Nina Kaplan, Sheila K. Madsen, and Bette Taylor Gould. Goodyear, 1976. (Activity Book - 12" x 18") \$15.95.  
Batab No. 544485610.

Grades K-12

The book contains ready-to-use posters, pictures, cartoons, containers, labels, signs, games, stencils, activity cards, worksheets, and record-keeping sheets designed to introduce and reinforce generalizations about people. It provides activities which increase the vocabulary skills needed to express ideas and feelings about oneself and others. Three main sections are: People & Their Feelings (to develop concepts like people express their feelings in many ways), People & Their Groups (concepts like our society is multi-cultural, with many ethnic groups making contributions), and Other Things About People (concepts like people make decisions according to what they value, what they're interested in, and how they see themselves, socially and economically).

Black American Dream, Part I and II. Time Life, 1973. (Film) F7067.

Grades 11-12

In exclusive meetings with Black leaders, including Carmichael and Jackson, this film explores what Black Power means in the 70's in an inclusive historical overview.

Causes of World War II. Educational Audio Visual, 1970. (Kit including two filmstrips with records or cassettes) \$25.00. Batab No. w/records - 843529377; w/cassettes - 843529369.

Grades 10-12

This kit covers the period from 1918 and the Treaty of Versailles through 1941 and the outbreak of World War II. This kit is difficult because it presupposes background knowledge that the student may not have.

The Changing City, by Jorg Muller. Atheneum, 1977. (Book) \$9.95. Batab No. 543576507.

Grades K-12

A thought-provoking visual experience draws the eye to the evolving details and moods of a city over a twenty-year period. A portfolio of eight paintings comment on the aesthetic, social, and physical urban change.

The Changing Countryside, by Jorg Muller. Atheneum, 1977. (Book) \$9.95. Batab No. 543576515.

Grades K-12

Graphic sequential paintings depict change in the countryside. This portfolio complements and completes the sociological statement of The Changing City.

Children are Children Are Children: An Activity Approach to Exploring Brazil, France, Iran, Japan, Nigeria, and the U.S.S.R., by Ann Cole, Carolyn Haas, Elizabeth Heller, and Betty Weinburger. Little, Brown & Co., 1978. (Book) \$6.95. Batab No. 549478086.

Grades 3-7

Specific activities with details for preparing costumes, food, etc. are given in an attractive format. This is useful for third grade social studies units.

Communication is Power: Mass Media and Mass Persuasion. The Center for Humanities. (Multi-media kit including 238 slides in 3 Carousel cartridges, 3 tape cassettes, 3 LP records, Teacher's Guide, Desk copy of Student Activity Book.) \$179.50. Batab No. 84382797.

Grades 8-12

In the first part, students become familiar with advertising definitions and terms. Part two discusses violence in media. The final part reviews the media as related to politics.

Countries and Cultures. Science Research Associates. (Kit including 120 Skill Cards, 40 Answer Key Booklets, 40 Student Books, and a Teacher's Handbook.)

3-5350	Countries and Cultures kit	\$83.50
3-5367	Student Book	
	1-99 copies, each	.49
	100-999 copies, each	.44
	1000 or more copies, each	.42
3-5352	Additional Teacher's Handbook	.86

Batab No. 843469226.

Grades 3-8

Students read selections about the South Seas, Europe, Israel and other places and then use the skill cards for comprehension questions.

Crisis, by Western Behavioral Sciences Institute. Simile II. (Game)

25 student kit	\$25.00
35 student kit	35.00
Sample set	3.00

Batab No. 849467047.

Grades 5-12

Students manage the affairs of six fictional nations in teams of three to six players. The nations are involved in a tense mining situation in which all wish to obtain Dermalium (mineral) for their people. Players must try to prevent their country's destruction and keep world peace. The game may be played in 2-4 hours discounting discussion.

Dig; a Simulation of the Archeological Reconstruction of a Vanished Civilization. Interact, 1969. (Game) \$14.00. Batab No. 843533498.

Grades 5-12

Two competing teams are required to create two cultures. The game stresses the interrelationship of cultural patterns (economics, government, family, language, religion, and recreation). Each team takes their artifacts and places them in the ground according to archeological principles for the other team to excavate, restore, and analyze.

Discovery: A Simulation of Early American Colonization. Interact, 1971. (Game) \$14.00. Batab No. 843533579.

Grades 5-12

After a study of maps, natural resources, and geography, a class is divided into groups and given the same problems as those faced by 17th century Americans. Students play various parts and must make decisions to save their colony.

Egypt: The Struggle for Stability. Learning Corporation of America, 1975. (Film) F7034.

Grades 7-12

Reveals Egypt's struggles with poverty amidst great potential in its natural resources. The film deals with life in crowded cities as well as in isolated rural areas.

Eskimos: A Changing Culture. BFA, 1971. (Film) F7059.

Grades 3-8

Shows changes that technology has brought about in an Eskimo village. Points of view are expressed by both the older generation and the young.

Euro-Card. Wff 'N Proof. (Game) \$9.00. Batab No. 843874171.

Grades K-12

The first games provide students with an opportunity to gain background information on size, shape, and location of European nations. The more difficult games help students use almanacs, textbooks, and atlases.

Explorers I, by Jay W. Reese. Simile II. (Game) \$4.50. Batab No. 844487279.

Grades 4-8

Students (18-35) form teams to discover land and form colonies. They are introduced to the concept of voyages made by early explorers such as Columbus and Magellan. Students gain an understanding of how cities were founded, use of map symbols, reasons for national disputes over territory, and relationships held by the explorer and mother country. The game may be played in 5-20, 15 minute periods.

Exploring the World of Maps. National Geographic, 1973. (Kit including five filmstrips with records or cassettes.)

Batab No. 843891602 Filmstrips w/records No. 03734 \$74.50

Batab No. 844503258 Filmstrips w/cass. No. 03735 74.50

Grades 5-12

Individual titles (Messages of Maps, Using Maps, The Found Earth on Flat Paper, Surveying the Earth, and The Making of Maps) introduce basic map concepts and provide detailed explanatory material.

Families of the World: Costa Rica. Journal Films, 1976. (Film) F7020.

Grades 3-7

Depicts a family life on a coffee plantation.

Families of the World: India. Journal Films, 1976. (Film) F7019.

Grades 3-8

Depicts family life in a compound in Dehu village.

Families of the World: Jamaica. Journal Films, 1976. (Film) F6997.

Grades 3-8

Depicts family life on this island in the Caribbean.

Families of the World: Thailand. Journal Films, 1976. (Film) F7021.

Grades 3-8

Depicts family life in a coastal village.

Families of the World: Turkey. Journal Films, 1976. (Film) F7023.

Grades 3-7

Depicts a family in a Turkish village.

Families of the World: Yemen. Journal Films, 1976. (Film) F7024.

Grades 5-8

Depicts the changing roles of family members.

Families of the World: Zambia. Journal Films, 1976. (Film) F7022.

Grades 3-7

Depicts a family living on an island in Lake Bangweulu.

Genealogy Chart of English Kings and Queens. Perfection Form. (2 Charts - 21" x 58" HJ0258) \$5.95. Batab No. 843460458.

Grades 7-12

A flow chart shows the succession of English rule. Each ruler is placed in perspective with notes on important happenings.

Graph and Picture Skills. Science Research Associates, 1978. (Kit including 594 Skill cards and Skill Starter cards (208 originals), 20 Answer Booklets, 10 Unit Review spirit masters, 1 Orientation Cassette, 1 Teacher's Handbook, 1 Student Booklet.) Batab No. 843746319

3-3300	Graph and Picture Skills Kit, 1978 Edition	\$150.00
3-3310	Graph and Picture Student Booklet	.99
	1-99 copies, each	
	100 Or more copies, each	.89
3-3311	Additional Teacher's Handbook	2.25
3-3316	Graph and Picture Spirit Masters- Set of 10	3.90

Grades 4-8

Students use the kit to interpret photographs, graphs, charts, cartoons, diagrams, and other audiovisual materials.

The History of England, by G. M. Trevelyan. Doubleday, 1953. (Books)

Volume I - From Earliest Times to the Reformation	\$2.50
Volume II - The Tudors and the Stuart Era	1.95
Volume III - From Utrecht to Modern Times	2.50

Grades 9-12

The books provide an inclusive overview of British history.

Holt Databank System. Holt, Rinehart and Winston, 1976. (Multimedia kit)

Databox and Databank elements include: color-sound filmstrips, cassettes, data packs, datacards, datamasters, data foldouts, data comix, games and simulations. For levels 3-6, optional 16mm sound-color films, each running about 4 minutes, are available for separate purchase.



Holt Databank System (Continued)

Inquiring About Myself - K

Databox 086330-9 \$267.96 Batab No. 84492442

Inquiring About People Level 1

Databank (Complete grade level; Modules 1-4; Datamasters are included in complete

Databank only)	089829-3	261.39	Batab No. 84455135X
Inquiring About People Module 1	015736-6	52.95	
Inquiring About People Module 2	015766-8	95.34	
Inquiring About People Module 3	015786-2	74.16	
Inquiring About People Module 4	015811-7	74.16	

Inquiring About Communities Level 2

Databank (complete grade level; Modules 1-3; Datamasters are included in complete

Databank only)	089828-5	240.39	Batab No. 844551368
Inquiring About Communities Module 1	015871-0	137.73	
Inquiring About Communities Module 2	015886-9	63.54	
Inquiring About Communities Module 3	015926-1	74.16	

Inquiring About Cities: Studies in

Geography and Economics Level 3

Databank (complete grade level Modules 1-7; Datamasters are included in complete

Databank only)	089824-2	398.85	Batab No. 844551376
Inquiring About Cities Module 1	015971-7	63.54	
Inquiring About Cities Module 2	015986-5	63.54	
Inquiring About Cities Module 3	016001-4	74.16	
Inquiring About Cities Module 4	016011-1	63.54	
Inquiring About Cities Module 5	016026-X	84.75	
Inquiring About Cities Module 6	016071-5	52.98	
Inquiring About Cities Module 7	016086-3	52.98	

Inquiring About Cultures: Studies in

Anthropology and Sociology Level 4

Databank (complete grade level Modules 1-5; Datamasters are included in complete

Databank only)	089827-7	346.35	Batab No. 844551384
Inquiring About Cultures Module 1	016116-9	95.34	
Inquiring About Cultures Module 2	016141-X	63.54	
Inquiring About Cultures Module 3	016166-5	84.75	
Inquiring About Cultures Module 4	016206-8	74.16	
Inquiring About Cultures Module 5	016236-X	74.16	

Inquiring About American History: Studies in History and Political Science Level 5

Databank (complete grade level Modules 1-6; Datamasters are included in complete

Databank Only)	089826-9	367.38	Batab No. 844492493
Inquiring About American History Module 1	016271-8	84.75	

## Holt Databank System (Continued)

Inquiring About American History Module 2	016296-3	63.54
Inquiring About American History Module 3	016311-0	74.16
Inquiring About American History Module 4	016331-5	84.75
Inquiring About American History Module 5	016351-X	63.54
Inquiring About American History Module 6	016371-4	52.98

### Inquiring About Technology: Studies in Economics and Anthropology Level 6

Databank (complete grade level Modules 1-7; Datamasters are included in complete Databank only)

	089825-0	398.85	Batab No. 844551406
Inquiring About Technology Module 1	016416-8	42.36	
Inquiring About Technology Module 2	016436-2	74.16	
Inquiring About Technology Module 3	016446-X	84.75	
Inquiring About Technology Module 4	016471-0	63.54	
Inquiring About Technology Module 5	016501-6	63.54	
Inquiring About Technology Module 6	016521-0	74.16	
Inquiring About Technology Module 7	016556-3	63.54	

### Grades K-6

The textbooks, databanks, and teacher's guides help students identify and explore the subject in each level. Students develop social studies skills and expand their ability to gather data, organize information, and practice observing, classifying, mapping, graphing, and evaluating.

Homestead: A Simulation of Establishing a Frontier Farm and Community.  
Interact, 1974. (Game) \$22.00. Batab No. 843460555.

### Grades 5-9

Students become pioneer families and select land to homestead. They plant crops, raise livestock, and try to become successful farmers. This game shows the many decisions involved in the growth of the American frontier.

Import, by Elaine Beckett. Simile II. (Game) \$10.00. Batab No. 849444284.

### Grades 4-6

This simulation for 18-35 students encourages them to learn about ports in various countries, specialization in the production of materials, and interdependence of nations. Students form six import teams to buy exports from various countries. The team buying the most and gaining the most profit in their country wins. The game may be played in 10-20 forty-minute periods.

The Indians. Xerox, 1970. (Film) F7057.

### Grades 10-12

Portrays Indian life and culture in Colorado before the white men came, the battles and massacres that followed, and the eventual confinement of the Indians to reservations.

Jackdaw American History Box. Jackdaws/Distributed by Media Fair. (Kit including 28 jackdaws with teacher's guide.) \$172.95. \$5.95 each.

Grades 9-12

Facsimiles of 287 primary sources and 153 comprehensive broad sheets make up this package. Individual titles include:

The American China Trade	The Mexican-American War
The American Revolution	The New Deal
The California Gold Rush: 1849	The Presidency
The CIO and the Labor Movement	Nat Turner's Slave Revolt
Columbus and the Discovery	The Oklahoma Land Rush
Communes and Communitarians in America	Populism and the Election of 1896
Coxey's Army	Reconstruction
Custer's Last Stand	Remember the Maine!
The Depression	Salem Village and the Witch Hysteria
The Early Industrialization of America	Slavery in the United States
Immigration in Colonial Times	The War of 1812
Indian Resistance: The Patriot Chiefs	Women in the American Revolution
The Making of the Constitution	Women's Rights in the United States
The Mayflower and the Pilgrim	

The Jamestown Adventure. Troll Associates, 1974. (Kit of 4 filmstrips with 2 cassettes) \$52.00. Batab No. 843890118.

Grades 4-6

This unit shows the development of Jamestown from the first rugged settlers to the later craftsmen. Titles include: "Establishing the Jamestown Colony;" "Jamestown Colony;" "Jamestown and the Indians;" "Jamestown Develops Trade;" and "Life in Jamestown."

Japan: Asian Neighbor. Encore, 1972. (Kit of 4 sets) \$216.00 for series, or \$54.00 each set.

Grade 3

Series includes:

"Economics of Japan"

(4 filmstrips, 4 cassettes, student study manual and teacher's manual)

Titles include: Agricultural Japan; Japan Uses the Sea; Industrial Japan; and Imports and Exports of Japan.

"Introducing Japan" Batab No. 844449059.

(4 filmstrips, 4 cassettes, student and teacher's manual)

Titles include: Physical Geography of Japan; East and West in Japan; Japanese Transportation; and Life in Urban Japan.

"The Japanese People" Batab No. 844449083.

(4 filmstrips, 4 cassettes, student and teacher's manual)

Titles include: Japanese Men; Japanese Women; Japanese Boys and Girls; and Japanese Families.

Japan: Asian Neighbor (Continued)

"Traditional Japan" Batab No. 844449091.

(4 filmstrips, 4 cassettes, student and teacher's manual)

Titles include: Brief History of Japan; Religions of Japan; Living With Nature in Japan; and Arts and Crafts of Japan.

Kalahari Desert People. National Geographic, 1975. (Film) F7098

Grades 7-12

Illustrates the life style of the Bushmen of Africa's Kalahari Desert.

Keys to Understanding Mankind. Creative Teaching Press. (Activity Cards - CTP-130) \$5.95. Batab No. 849445388.

Grades 4-9

Open-ended reading task cards help develop the thinking processes. Basic concepts concerning humanity are introduced.

Law and Justice: Man's Search for Social Order. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guide) \$139.50.

Grades 10-12

The American Bar Association recommends this as especially useful for advanced students. It examines law as an entity and as an evolving process. Students review Roman law, English common law, and the Napoleonic Code.

Luciano: Boy of the Pampas. Paramount Communications, 1972. (Film) F7171.

Grades 3-7

Depicts the life of Luciano who is the son of an Argentine cattleman.

Man Alone and Loneliness: The Dilemma of Modern Society. The Center for Humanities, 1975. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guide) \$139.50.

Grades 10-12

By examining various artists, innovators, and explorers, students study loneliness and the many attitudes about it.

A Man Called Mr. President. Wff 'N Proof. (Game) \$9.00. Batab No. 84944540X.

Grades 4-12

Facts about the philosophies, personal lives, idiosyncrasies, and personalities of the men who have served as president of the United States are given to students. These facts are then used in making judgments in the game.

Man's Search for Freedom: An Inquiry into the History of Liberty. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 LP records, Teacher's Guide) \$139.50.

Grades 10-12

Using this program, students may trace the origins of American concepts of freedom from pre-history through Renaissance Europe.

Man's Search for the Meaning of Life. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guide) \$139.50.

Grades 10-12

The program concentrates on the process men and women have used, whether through philosophy, religion, action, science, or art, in their search for life's meaning.

The Many Masks We Wear. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guide) \$139.50. Batab No. 844564516.

Grades 8-12

Students study the concept of masks as they are used in religion, theater, literature, politics, and society.

Map and Globe Skills Kit. Science Research Associates, 1977. (Kit including 582 Exercise cards, Resource cards, and Skill Starter cards (136 originals), 20 Answer Booklets, 17 Unit Review spirit masters, 1 Orientation Cassette, 1 Teacher's Handbook, 1 Student Booklet. Batab No. 844471941.

3-3370	Map and Globe Skills Kit, 1977 edition	\$150.00
3-3380	Map and Globe Student Booklet	
	1-99 copies, each	.99
	100 or more copies, each	.89
3-3381	Additional Teacher's Handbook	2.25
3-3386	Map and Globe Spirit Masters - Set of 17	6.63

Grades 4-8

Students are introduced to and practice skills in understanding map information, discerning geographic relationships, making inferences, and drawing conclusions from gathered data. Topics include: introduction to map reading, learning to Read Street and Highway Maps, Learning to Read Globes and Projections, Learning to Read Many Kinds of Maps, and Interpreting Maps.

Map Skills, by Sharon Carter and Jill Purdy. Frank Schaffer, 1975. (Activity Cards - 5" x 8" #231) \$4.95. Batab No. 843875305.

Grades K-2

These 48 distinctive skill-oriented cards help students to follow directions, read keys and legends, scales, the continents, route signs, and time zones.

Mapping. American Science & Engineering, Inc. (Kit, 0X210) \$111.25.

Grades 5-7

This kit contains materials which enable children to develop skills in verbal and graphic representation, and symbols.

Maps Show the Earth. Nystrom. (Multi-media kit including 3 sound filmstrips, 12 large (18" x 24") study prints, 20 flash cards, 1 folded (4' x 6') floor map, stick-on labels, 30 workbooks, a teacher's guide, durable storage display box, 2MM100) \$185.00. Batab No. 843899255.

Grades K-3

The kit may be used to develop three basic concepts:

Maps are pictures

Maps use symbols

Maps show where

Detailed lesson plans include:

Maps are special pictures of the earth's surface

Maps show natural things like mountains and rivers

Maps show man-made things like highways and towns

Maps picture the earth from a point far above

Maps make large things look small

Maps use symbols to show what's on earth

Maps stand for natural and man-made things

Maps and the earth's rotation

Maps give directions

Maps give other data about our world

Mexico in the 70's: A City Family. BFA, 1971. (Film) F7072.

Grades 5-12

A family in Mexico City illustrates the traditional and familial culture and the increased economic well-being of the people.

The Mighty Volga. National Geographic, 1977. (Film) F7096.

Grades 8-12

Shows the place the Volga River holds in Russian life for transportation, industry, and recreation. Highlights the major cities along the course of the river.

Minorities: From Europe. Goronet, 1972. (Film) F7060.

Grades 10-12

Most people in North America have roots in other countries. Seeing processes by which those nationalities from Europe gained economic and political power leads to an understanding of how they achieved their present-day status and what their situation is like today.



Mostly Me, by Gary Grimm and Don Mitchell. Good Apple, 1977. (Ditto Masters, 40) \$9.50.

Grades K-3

The duplicating masters are designed to be put together as a booklet. The students become more aware of their own individuality.

My Backyard History Book, by David Weitzman. Little, Brown and Co., 1975. \$7.95. Batab No. 031582354.

Grades 1-8

Puzzles, games, and projects are suggested for collecting your own history. This is an excellent source for a beginning oral or family history project.

Napoli, by Western Behavioral Sciences Institute. Simile II. (Game) Sample Set, \$3.00; 25 Student Kit, \$35.00; 35 Student Kit \$50.00. Batab No. 849466911.

Grades 7-12

In this simulation game, students become members of a legislature in one of two political parties and one of eight states. Each student strives to get re-elected by working for or against passage of eleven bills before the house. (Bills may be changed for specific interest.) It may be played in one sitting.

Navajo - The Last Red Indians. Time-Life, 1972. (Film) F7068.

Grades 10-12

Depicts the lives of Navajo Indians today as they continue to speak their native language and fight for their way of life against the inroads of the white man's culture.

New City Telephone Company, by R. Garry Shirts. Simile II. (Game including cassette tape, teacher's manual, transparencies, and 6 booklets) \$15.00. Batab No. 849445442.

Grades 5-12

Five to thirty students may play this game 1 1/2 hours. Students form the team (president and four vice-presidents) who manage the New City Telephone Company. After the team determines the company goals, they must solve four management problems which will effect the company goals. The team making decisions positively effecting their goals wins.

Newscast: A Simulation of a TV Newsteam's Coverage of Present or Historic Events. Interact. (Game) \$22.00. Batab No. 843829206.

Grades 6-12

Students are members of two television networks and become team members (reporters, ad writers, etc.). They must prepare a newscast and give it. Teams evaluate their coverage. This may be video- or audio-taped.

Niko, A Boy of Greece. Paramount Communications, 1968. (Film) F7200.

Grades 3-8

Depicts the architecture, topography, industries, and skills of an island people.

North American Indians Today. National Geographic, 1977. (Film) F7096.

Grades 6-12

A look at the new Indians, proud of their identity, and searching for their cultural heritage and treaty-guaranteed rights.

Our Government in Action. Educational Enrichment. (Kit with filmstrips and accompanying records or cassettes) \$108.00. Batab No. (rec) 843765836; (cass) 843765844.

Grades 4-6

Especially useful for local field trip preparation. Titles include:

The Presidency

The Cabinet

The Senate

The House of Representatives

The Supreme Court

The Regulatory Agencies

Pioneer Women: Selections from Their Journals. Caedmon. (Records, 2 - TC2060; Cassettes, 2 - CDL52060) Performed by Sandy Dennis and Eillen Heckart. \$13.96, records; \$15.90, cassettes. Batab No. 844566454.

Grades 5-12

Collections from diaries of women who actually journeyed across the continent reveal the drama and realities of Western settlement.

Pioneers: A Simulation of Decision-Making on a Wagon Train. Interact. 1975. (Game) \$22.00. Batab No. 843844493.

Grades 5-9

Students must face the same challenges as the early wagon trains on their way to Oregon in 1846. As the game is played, students also learn research skills and practice listening.

Plea Bargaining: A Game of Criminal Justice, by Ethan Katsh, Ronald M. Pepkin of University of Massachusetts Legal Studies Program, and Beverly Schwartz Katsh, Springfield Technical Community College. Simile II. (Game) 35 Student Set, \$25.00; 18 Student Set, \$17.50. Batab No. 849445426.

Grades 10-12

Students play the roles of District Attorney, Judge, Public Defender, and Accused. The accused is the only person who knows of his innocence or guilt. The game shows students how 90 percent of criminal convictions are made in the U.S. - through plea bargaining (deals made between the accused, his lawyer, the prosecutor, and judge.)

Point of Law, by Michel Lipman. Minnesota Mining and Manufacturing Co., 1953.  
(Game) \$10.95.

Grades 7-9

The game is made up of a rule book and 120 abstracts. A player earns points according to the decision they give as related to the actual court decision.

Police Patrol, by Todd Clark; Constitutional Rights Foundation. Simile II.

(Game including Pre- and Post-unit attitude survey, wall chart, police manuals, observer evaluation form, and teacher's manual) \$12.50.

Batab No. 843461810.

Grades 7-12

This game may be used by 20-35 students to explore their knowledge of the police force and to examine attitudes toward authority. Students are involved in role-playing situations as police, suspected criminals, and citizens as victims. This may be played in 1-5 fifty-minute sessions.

Powderhorn, by R. Garry Shirts. Simile II. (Game) \$15.00. Batab No. 844492450.

Grades 5-6

Teachers will find this simulation game useful with the study of early settlers. It focuses on the meaning of democracy, checks and balances in government, use of power, and needs of minorities. In this game for 18-35 students, they participate as frontier people who trade. A three layered society is formed with only the upper level able to make rules. This game is included in the fifth level of the Holt Data Bank, Inquiring About American History.

Primarily Me, by Irene Hubbard and Lori Soderstrom. Good Apple. (Ditto Masters - 40) \$8.50.

Grades K-1

Simple activities and illustrations are designed to help the student define personal likes and dislikes.

The Propaganda Game, by Lorne Green and Robert Allen. Wff 'N Proof, 1966, 1975.  
(Game) \$11.00. Batab No. 843878770.

Grades 7-12

Although published in 1966, it was revised in 1975 and has some value for organizing techniques which may be used to distort the thinking process. A simple introduction is provided which needs modification by a teacher/resource teacher to analyze and evaluate present-day activity.

The Protestant Reformation. Educational Audio Visual, 1974. (Kit including 2 filmstrips with records or cassettes) \$37.50. Batab No. (rec) 843770724; Batab No. (cas) 843770732.

Grades 10-12

The program details the Reformation from Martin Luther's theses to the schism of the English Church, as well as focusing on the influence of Luther throughout the rest of Europe. A vocabulary lesson is given in preparation for the first viewing. Use of the accompanying list of study guide questions is useful before the presentation.

Pumpkins, Pinwheels, and Peppermint Packages, by Imogene Forte, Mary Ann Pangle, and Robbie Tupa. Incentive Publications. (Books - student and Teacher Editions) \$18.00.

Grades - Professional for use with grades K-6.

Two-hundred and thirty-eight ready-to-reproduce pages accompany activities identified in the teacher's manual. These provide independent activities for study of American traditions, events, and holidays.

RaFa RaFa: A Cross Culture Simulation, by R. Garry Shirts. Simile II. (Game which includes cassette tape and teacher's manual) \$15.00. Batab No. 84448900X.

Grades 4-8

Students are divided into two cultural groups, the alphas and betas. Alphas respect their elders and are fun loving. Betas are hard working, competitive, and communicate with animal sounds. The two groups visit each other and try to understand without asking about the rules. Discussion follows the game.

Rainbow Activities. Creative Teaching Press. (Book - CTP725) \$4.95.  
Batab No. 549478248.

Grades - Professional for use with grades K-8

Designed to promote multi-cultural awareness, the 50 human relations experiences provide students opportunities to understand and appreciate ethnic differences. The emphasis is on human feelings.

Roaring Camp, by Jay W. Reese. Simile II. (Game with 2 wall charts, pins, dittos, and play money) \$10.00. Batab No. 844488976.

Grades 4-8

In this simulation, 18-35 students become prospectors for gold. They may strike it rich, get into disputes over claims, or lose everything. The game may be played in 10-15 thirty-minute sessions.

Saudi Arabia: The Oil Revolution. Learning Corporation of America. 1975.  
(Film) F7035.

Grades 7-12

Shows the conflict between ancient Moslem traditions and the new wealth.

Schools, Families, Neighborhoods: A Multimedia Readiness Program, by Michaelis Grossman. Addison-Wesley. (Kit of sound filmstrips, study posters, wall charts, short strips, and teacher's guide) Cat. No. 42141. \$155.94.  
Batab No. 843778903.

Grades K-1

This program promotes understanding of self as well as an appreciation of ethnic and cultural groups. It also contains excellent readiness skills. This kit was used in a study of "The Cultures in Our School." It introduces pupils to the various cultures represented in schools. Pupils are given a chance to make comparisons between familiar and unfamiliar situations. They are presented culturally diverse situations in schools, homes, clothing, and buildings, in the various cultures, and they have a chance to make cross-cultural comparisons. The program enables pupils to build positive self concepts as well as positive attitudes toward other cultures.

Shelters Around You. National Geographic, 1977. (Kit including 3 color posters, mini-filmstrip, cassette, duplicating master, worksheet, and teacher's guide) \$14.95. Batab No. 843833599.

Grades K-3

The set focuses on three dwellings: a tent, an apartment, and a house.

Shelters of Other Lands. National Geographic, 1977. (Kit including 3 color pictures (7 1/2" x 11"), 1 cassette and mini-filmstrip, 30 read-along narrations, 1 duplicating master, 1 teacher's guide.) \$14.95. Batab No. 843828846.

Grades K-3

Students may use these learning center kits to make comparisons on how various cultures prepare shelters for themselves.

The Shopping Bag Lady. Learning Corporation of America, 1975. (Film) F7036.

Grades 6-12

This film deals with compassion, tolerance and empathy toward an elderly woman. Helps students become sensitive to the problems and needs of those different from themselves.

Siberia. National Geographic, 1977. (Film) F7095.

Grades 7-12

Presents the hardships of life in Siberia, by following the trucking routes and the trans-Siberian railway, the immensity of the region can be seen.

Social Studies Strategies: A New Approach to Social Studies Emphasizing Student Involvement. Educational Insights, Inc. (Activity Cards - Order No. 9114) Batab No. 843778628.

Grades 3-8

Student participation is emphasized in the suggestions on each card. Specific subjects covered include dramatic play, role playing, simulation games, mapping, and art and manipulative experiences.

Springboard, by Joan McNichol and Geraldine Perkins. Activity Resources Co., Inc. 1973. (Activity Book) \$6.50.

Grades K-8

This is a social studies activity book designed to introduce new perspectives for social studies curriculum. Emphasis is on aspects of history, geography, ecology, sociology, and comparative cultures.

Starpower, by R. Garry Shirts. Simile II. (Game) 18-35 Student Set, \$25.00. Do it yourself Kit, \$3.00. Batab No. 843830123.

Grades 7-12

Students participate in a simulation game based on the distribution of wealth. The top economic level in the three-tiered society has the right to rule. The game may be played in one fifty-minute period and is useful in discussing the use and abuse of power.

Strange Bedfellows. Wff 'n Proof. (Game) \$9.00. Batab No. 844487287.

Grades 7-12

In this game, players are asked to consider ideas from isolated quotations on religion, politics, and philosophy and make decisions about them before actually learning the source.

Think-Ins. Creative Teaching Press, Inc. (Task Cards, CTP303) \$6.95.  
Batab No. 843877596.

Grades 4-9

These task cards stress problem solving and critical thinking skills in such topics as energy, crime, mass media, and ecology.

Two Cities: London, New York. Learning Corporation of America, 1973.  
(Film) F7037.

Grades 7-12

A comparison of the quality of life and the approach to urban problems in two contemporary cities.

Two Families: African, American. Learning Corporation of America, 1973.  
(Film) F7038.

Grades 7-12

Compares and contrasts life in two families as to home-life, education, treatment of elders, and customs.

Two Towns: Gubbio in Italy, Chillicothe, Ohio. Learning Corporation of America, 1973. (Film) F7039.

Grades 7-12

Two towns are contrasted as to life styles, housing, town planning, family organization, shopping, and recreation.

Use the News. Teachers Exchange of San Francisco. (Booklet) \$5.95.  
Batab No. 544574346.

Grades 4-6

Activities are suggested for using various sections of the newspaper.

Uses of the Past: Learning from History. The Center for Humanities.  
(Multi-media kit including 160 slides, 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guide) \$139.50.

Grades 10-12

Students are asked to examine the causes of past events and predict future ones. The inquiries focus on Northern Ireland; the interactions of Napoleon of France, King William of Prussia, and Otto von Bismarck; a fictional newly independent African nation; ancient Egypt; Britain in 1740; and the emerging South American nation.



Values - What People Choose to Live and Die For: Case Studies in Conflict. The Center for Humanities, 1977. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guide) \$139.50. Batab No. 549477268.

Grades 11-12

Studies of Alfred Dreyfus and Galileo deal with individuals in conflict with state or Church; inquiries into the Sepoy Rebellion in India and the Industrial Revolution show conflict between cultures and the disruption of traditional values.

Values - What People Choose to Live and Die For: The Causes of War and the Search for Peace. The Center for Humanities, 1977. (Multi-media Kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guide) \$139.50. Batab No. 549477225.

Grades 10-12

The two-part program asks why wars have existed throughout history. In part one, various theories are examined (Konrad Lorenz, Robert Ardrey, etc.) and passages from All Quiet on the Western Front are used to decipher causes of World War I. In part two, students explore peace-making through non-violence, "imposed" peace, balance of power and balance of terror.

The VEC News Program. VEC, Inc. (Media Periodical) 35 weekly issues, \$129.00; 35 weekly issues plus 10 in-depth monthly issues, \$179.00.

Grades 4-12

The VEC News Program includes: 35 weekly issues of news filmstrips with discussion guide including teacher's guide, index, basic level discussion section, general level discussion section, and advanced level discussion section, and 10 monthly issues with an in-depth filmstrip on current issues and an illustrated teacher's guide.

The Waning of the Middle Ages, by J. Huizinga. Doubleday, 1954. (Book) \$2.95.

Grades 10-12

A careful study of life, thought, and art in France and the Netherlands during the 14th and 15th centuries is presented.

What Does It Mean to Be Human? The Center for Humanities, 1976. (Multi-media kit including 240 slides in 3 Carousel cartridges, 3 tape cassettes, 3 LP records, Teacher's Guide) \$179.50. Batab No. 844456098.

Grades 10-12

In part one, students focus on the physical qualities which enable humanity to reason, utilize foresight, and make tools for controlling our environment. The social characteristics of human beings are discussed in part two. Part three reviews civilization as a human invention.

The Where and Why Program, by Dale Brown. Nystrom. (Multi-media kit including 23 cassettes, 23 spirit master tests, 21 symbols charts reduction, diagnostic test, and teacher's guide; Cat. No. 2WW1000) \$280.00. Batab No. 843530405.

Grades 2-6

This sequential program is designed to develop the student's ability to interpret maps, globes, pictures, and other geographic material. The twenty-three lessons are divided into eight thematic groups: Introduction to Maps and Globes; Directions; Grid System; Comparing Maps and Globes; Natural Features; man-Made Features; Rotation and Revolution; and Map Interpretation.

Who Am I? Where Did I Come From? Where Am I Going? The Eternal Questions.

The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 LP records, Teacher's Guides) \$139.50.

Grades 10-12

The program concentrates on ways men and women have sought answers to these three questions.

Why Cultures Are Different. United Learning. (Kit of 6 filmstrips with 3 cassettes or records and 1 script/guide with discussion questions; Cat No. (cass) 50202; Cat. No. (rec) 50201) \$80.00. Batab No. w/cass. 844567183; Batab No. w/rec..844567175.

Grades 4-8.

Six components of culture (geography, economics, education, technology, history, and religion) are presented. Titles include: "Culture: What Is It?" "Land and Climate;" "Government and Economy;" "Education and Technology;" "History;" and "Religion."

The Yellow Pages of Learning Resources, by Richard Wurman. MIT Press, 1972. (Book) \$1.95. Batab No. 500008531.

Grades - Professional for use with grades K-12.

Suggestions are given for converting this alphabetical listing of places and occupations into learning sources. The book includes many questions such as, "What can you learn from a butcher?" It can be successfully used in planning field trips, etc.

Recommended Textbooks for Gifted Students in Social Studies

Kindergarten

1760015	<u>Databank - Level K - Kindergarten Planning Calendar.</u> Holt, Rinehart and Winston, 1976. (Teacher)	\$4.10
1780001	<u>Windows on Our World - Level K - Me.</u> Houghton Mifflin, 1976. (Teacher)	7.08

Grade 1.

1760016	<u>Databank - Level 1 - Inquiring About People.</u> Holt, Rinehart and Winston, 1976. (Student)	4.63
1760017	(Teacher)	6.14
	<u>Places Near and Far.</u> Macmillan, 1978. (Student)	4.11
	(Teacher)	4.86
1780004	<u>Windows on Our World - Level 1 - The World Around Us.</u> Houghton Mifflin, 1976. (Student)	5.07
1780005	(Teacher)	7.47
1780002	<u>Windows on Our World - Level 1 - Things We Do.</u> Houghton Mifflin, 1976. (Student)	4.65
1780003	(Teacher)	7.20

Grade 2.

1760018	<u>Databank - Level 2 - Inquiring About Communities.</u> Holt, Rinehart and Winston, 1976. (Student)	4.63
1760019	(Teacher)	6.14
1711170	<u>People: Cultures, Times, Places - People, Places, Products.</u> Addison Wesley Publishing Company, 1976. (Student)	5.28
1711171	(Teacher)	7.27
1780006	<u>Windows on Our World - Level 2 - Who Are We?</u> Houghton Mifflin, 1976. (Student)	6.12
1780007	(Teacher)	8.34

Grade 3.

1730180	<u>People: Cultures, Times, Places - Regions Around the World.</u> Addison Wesley, 1976.		
		(Student)	\$6.79
1730131		(Teacher)	9.10
1750330	<u>World of Mankind. Communities We Build.</u> Follett, 1973.		
		(Student)	5.85
1750331		(Teacher)	7.77
	Communities. Follett, 1977.		
	Regions. Follett, 1977.		

Grade 4.

1760020	<u>Databank - Level 3-4 - Inquiring About Cities.</u> Holt, Rinehart and Winston, 1976.		
		(Student)	5.50
1760021		(Teacher)	5.50
1780118	<u>Introduction to Maryland.</u> McRoberts Publishing Inc., 1970.		
		(Student)	3.45
1780116	<u>Let's Learn About Maryland.</u> Media Materials, 1976.		
		(Student)	2.95

Grade 5.

1760096	<u>Databank - Level 5 - Inquiring About American History.</u>		
		(Student)	6.14
1760097		(Teacher)	6.14
1711178	<u>People: Cultures, Times, Places - America: In Space and Time.</u> Addison Wesley, 1976.		
		(Student)	6.96
1711179		(Teacher)	8.58

Grade 6.

1760022	<u>Databank - Level 6 - Inquiring About Cultures.</u> Holt, Rinehart and Winston, 1976.		
		(Student)	5.74
1760023		(Teacher)	5.74
1760024	<u>Databank - Level 6 - Inquiring About Technology.</u> Holt, Rinehart and Winston, 1976.		
		(Student)	6.14
		(Teacher)	6.14

Grade 6 (continued)

1711228	<u>Industry, People and the Machine.</u> Allyn and Bacon, 1975.	(Student)	\$3.73
1711229		(Teacher)	3.73
1780008	<u>Windows on Our World - Level 6 - The Way People Live.</u> Houghton Mifflin, 1976.	(Student)	7.95
1780009		(Teacher)	10.77

U.S. History and Government

Grades 9-10.

2780338	<u>American Government: Continuity and Change.</u> Houghton Mifflin, 1975.	(Student)	9.75
2780339		(Teacher)	3.75
2342346	<u>American Pageant.</u> Comb. Ed. Heath, 1975.	(Student)	12.31
2780348	<u>American Political Thought: Search for Nationhood.</u> Addison Wesley, 1975.	(Student)	3.30
2780350	<u>American Political Thought: Search for National Strength.</u> Addison Wesley, 1975.	(Student)	3.30
2780360	<u>American Society.</u> American Book Company, 1978.	(Student)	9.36
2780361		(Teacher)	10.29
2681642	<u>American Spirit, Vol. I.</u> D. C. Heath, 1973.	(Student)	7.37
2681642	<u>American Spirit, Vol. II.</u> D. C. Heath, 1973.	(Student)	6.55
2780354	<u>Black Leadership in American History.</u> Addison Wesley, 1971.	(Student)	3.69
2692660	<u>Boom and Bust: Twenties and Thirties.</u> McGraw Hill, 1976.	(Student)	2.01

Grades 9-10 (continued)

2780372	<u>Bucking the System: The Politics of Dissent.</u> American Book Company, 1973.	(Student)	\$1.38
2780418	<u>Call of Freedom: The Grand Experiment.</u> Rand McNally, 1978.	(Student)	10.68
2692658	<u>Cold War, 1946-1961.</u> McGraw Hill, 1976.	(Student)	1.96
2780358	<u>Decision-Making in American Government.</u> Allyn & Bacon, 1977.	(Student)	8.88
2760180	<u>Government: American System.</u> Macmillan, 1973.	(Student)	4.05
2760181		(Teacher)	free
2342336	<u>History of a Free People.</u> Macmillan, 1978.	(Student)	11.00
2780366	<u>Leaders and the Led: Who Follows Whom.</u> Allyn and Bacon, 1977.	(Student)	2.40
2770136	<u>Magruder's American Government.</u> Allyn and Bacon, 1976.	(Student)	10.01
2780364	<u>Minorities and Politics: What Are Their Goals.</u> Allyn and Bacon, 1977.	(Student)	2.40
2693180	<u>Only Yesterday.</u> Harper and Row, 1959.	(Student)	1.54
2770202	<u>Pluralism in America: 10 Ethnic Profiles.</u> Oxford Book Company, 1975.	(Student)	4.26
2770203		(Teacher)	1.48
2780370	<u>Policeman and the Citizen: Politics of Law and Order.</u> American Book Company, 1973.	(Student)	1.38
2780254	<u>Postwar Epoch: Perspectives on American History Since 1945.</u> Harper and Row, 1972.	(Student)	4.95
2770190	<u>Practical Politics Government in the U.S.</u> Macmillan, 1976.	(Student)	9.11
2780352	<u>President as Commander-in-Chief.</u> Addison Wesley, 1971.	(Student)	2.97



Grades 9-10 (continued)

2691726	<u>Rise of the American Nation, Vol. I.</u> Harcourt Brace Jovanovich, 1977.	(Student)	\$10.19
2691728	<u>Rise of the American Nation, Vol. II.</u> Harcourt Brace Jovanovich, 1977.	(Student)	10.19
2780368	<u>Social Policy: What Is It and How Is It Formed.</u> Allyn and Bacon, 1978.	(Student)	2.40
2780362	<u>United States in World Affairs: What Is Its Role?</u> Allyn and Bacon, 1976.	(Student)	2.40
2780394	<u>USA - Foreign Policy.</u> McDougal Littell and Company, 1975.	(Student)	2.88
2780320	<u>We, the American Women: Documentary History.</u> Science Research Associates, 1977.	(Student)	5.95
2780342	<u>Women in American History.</u> Benziger, Bruce and Glencoe, 1976.	(Student)	3.60
2780248	<u>Your Life as a Citizen.</u> Ginn and Company, 1976.	(Student)	9.40
2780249		(Teacher)	10.35

Cultural Anthropology

Grade 12.

2750346	<u>Economics in Society: Concepts and Institutions.</u> Addison Wesley, 1974.	(Student)	5.28
2750348	<u>Economics in Society: Industry Performance.</u> Addison Wesley, 1974.	(Student)	5.43
2750344	<u>Economics in Society: National Economic Policies.</u> Addison Wesley, 1974.	(Student)	5.43
2780420	<u>The Making of Economic Society.</u> Prentice Hall, 1974.	(Student)	4.85
2342304	<u>The Worldly Philosophers.</u> Simon and Schuster, 1972.	(Student)	3.04

Sociology

Grade 12.

2770156	<u>Sociology.</u> Addison Wesley, 1975.	(Student)	11.34
2342308	<u>Sociology.</u> Ginn and Company, 1975.	(Student)	8.70

## Sociology

### Grade 12 (continued)

2342310	<u>Sociology Text With Adapted Readings.</u> Harper and Row, 1977.	(Student)	\$12.21
2342312	<u>Sociology.</u> McGraw Hill, 1972.	(Student)	10.81
2780252	<u>Sociology: The Study of Human Relationships.</u> Harcourt Brace Jovanovich, 1977.	(Student)	7.80
2780853		(Teacher)	1.50

## World Geography

### Grades 7-8.

2780454	<u>Australia: A Map Geography.</u> Book Society of Canada Limited, 1972.	(Student)	4.87
2780455		(Teacher)	2.10
2750260	<u>Exploring World Cultures.</u> Ginn and Company, 1977.	(Student)	9.83
2770098	<u>Imperialism and Emerging Nations.</u> Globe Book Company, 1976.	(Student)	2.31
2342422	<u>Our World and Its People.</u> Allyn and Bacon, 1977.	(Student)	9.54
2770168	<u>Peoples and Cultures: Africa.</u> McDougal Littell, 1976.	(Student)	3.18
2770170	<u>Peoples and Cultures: Japan.</u> McDougal Littell, 1976.	(Student)	3.27
2770172	<u>Peoples and Cultures: Soviet Union.</u> McDougal Littell, 1976.	(Student)	3.18
2770100	<u>Rise of Totalitarian States.</u> Globe Book Company, 1976.	(Student)	2.28

## Modern World History

### Grades 11-12.

2730432	<u>Ancient Civilizations: Prehistory to the Fall of Rome, Vol. I.</u> Macmillan, 1968.	(Student)	7.69
2780410	<u>Emergence of Europe.</u> McDougal Littell and Company, 1976.	(Student)	7.89
2780412	<u>Europe and the Modern World.</u> McDougal Littell and Company, 1977.	(Student)	7.89

**Grades 11-12.**

## Psychology

**Grades 11-12.**

160

The Amish

The materials identified were selected for a unit on the Amish for gifted second graders.

Books

Bachman, C. G. The Old Order Amish of Lancaster County. Pennsylvania German Society, 1962.

Grades - Resource

The history and practices of the Old Order Amish in Pennsylvania.

de Angeli, Marguerite. Henner's Lydia. Doubleday and Co., Inc., 1937. \$2.95.  
Batab No. 004231934.

Grades - K-6

The story of a little Amish girl, her family, and her first trip to the market.

de Angeli, Marguerite. Skippack School. Doubleday and Co., Inc., 1939. \$3.50.  
Batab No. 004866398.

Grades 4-7

A story about a Mennonite family who settles in Pennsylvania in 1750.

de Angeli, Marguerite. Yonie Wondernose. Doubleday and Co., Inc., 1944.  
Batab No. 005640059.

Grades 3-5

Portrays insight into the faith and family life of an Amish child with sympathetic discernment.

Hostetler, John A. Amish Society. Johns Hopkins Press, 1963. \$6.50.  
Batab No. 543438095.

Grades - Resource

A comprehensive document about the Amish.

Kallmorgen, W. M. Culture of a Contemporary Rural Community: The Old Order Amish of Lancaster County, Pennsylvania. Washington, DC:1942. O.P.

Grades - Resource

The history and lifestyles of the Old Order Amish in Lancaster County, Pennsylvania.

Kunz, Virginia Brainard. The German in America. Lerner Publications Co., 1971. O.P.

Describes the history of the German in America, including a section about the Amish and their beliefs.

Meyer, Carolyn. Amish People. The Murray Printing, Co., 1976. \$5.95.  
Batab No. 54282101X.

Grades 4-8

Describes the way of life of an Amish family in Pennsylvania including their work, their customs, and their beliefs.

Naylor, Phyllis Reynolds. An Amish Family. J. Philip O'Hara, 1974. \$5.95.  
Batab No. 543498481.

Grades 4-8

Includes a brief history of the Amish as they live today as seen through the rigid and traditional lifestyle of one Amish family.  
Has a detailed index.

Newswanger, Kichl and Christian. Amishland. Hastings House, 1954. \$5.00.

Grades 4-8

Includes pictures and descriptions of Amish life - the farm, the schooling, an auction, and a wedding.

Rowland, Florence Wrightman. Amish Boy. G. P. Putman's Sons, 1970.  
Batab No. 002467445.

Grades 1-2

A beginning-to-read book about how the Amish people share with one another.

Rowland, Florence Wrightman. Amish Wedding. G. P. Putman's Sons, 1971.  
Batab No. 543538109.

Grades 1-3

An easy-to-read book about an Amish couple's courting and wedding. Good descriptions of some of the Amish customs.

Schreiber, William I. Our Amish Neighbors. University of Chicago Press, 1962. \$5.95. Batab No. 544446356.

Grades 4-9

A description of the Amish customs and practices.

Smith, Elmer Lewis. The Amish: An Illustrated Essay. Applied Arts Publishers, 1966. \$1.50. Batab No. 54456507X.

Grades 5-12

A well-illustrated booklet giving the historical background and perspective of Amish life and practices.

Smith, Elmer Lewis. The Amish People. Exposition Press, 1958. \$4.00.  
Batab No. 544565061.

Grades 4-9

Describes the history, traditions, and beliefs of the Amish.

Yoder, Joseph W. Rosanna of the Amish. Herald Press, 1961. \$3.95. Batab No. 544446585.

Grades - K-6

A story of the author's own family life, fictional narrative, and delightful.

Zielinski, John. The Amish: A Pioneer Heritage. Wallace-Homestead Book Co., 1975. Batab No. 037390678.

Grades 4-9

A description of the Amish way of life in today's world.

### Booklets and Pamphlets.

Denlinger, A. Martha. Real People. \$1.95.

Grades 4-6

An up-to-date booklet on the Amish life in Lancaster, Pennsylvania.

Doney, Robert. Amish and Pennsylvania Dutch Coloring Book. Lancaster, PA: Photo Arts Press, 1967. 59¢

Grades K-6.

A coloring book with typical activities of Amish boys and girls. Each page has a short paragraph describing the picture.

Dutch Country Coloring Book. York, PA.: White Rose Engraving Co., 1961. P.

Grades 2-6

A coloring book with a title under each picture of typical Amish activities

Horst, Mel. Among the Amish. Applied Arts Publishers, 1974. \$1.25.

A pictorial representation of Amish life.

Hostetler, John A. Annotated Bibliography on the Amish. Scottsdale, PA.: Herald Press, 1951. P. \$1.50.

Grade - Resource

Materials published on the Amish.

The Pennsylvania Dutch Fun'n Games Book. Colourpicture Publishers, Inc., 1972. \$1.00.

Grade 2 - up

Activity book including crossword puzzle, dot game, maze, geography, match-up, and pick the picture.

Tortora, Vincent R. The Amish Folk. Photo Arts Press, 1974. P. \$1.50.

A profusely illustrated, comprehensive booklet about Amish life.



(Other information is available from:

Pennsylvania Dutch Tourist Bureau  
1800 Hempstead Road  
Lancaster, Pennsylvania 17601 (717-393-9705)  
Mr. Robert S. Lapp, President

for

Travel brochures, Maps, Guides, Visitor's Kit

Mennonite Information Center  
2209 Mill Stream Road  
Lancaster, Pennsylvania 17602 (717-299-0954)  
Mr. Paul M. Zehr, Director

for

Informational Pamphlets

### Models

5" Amish boy or girl doll. Plastic body, authentically dressed in popular colors, red, blue, lavender, or green. (\$1.59 each).

Family Carriage. . . . .	6" h. x 5" w. x 13 1/2" lg.	(\$3.98)
Amish Courting Buggy . . . . .	4" h. x 43/4" w. x 3 1/2" lg.	(\$3.85)
Horse and Harness. . . . .	6" h. x 7" lg.	(\$3.98)

Authentic, sturdy, scale model kits, easy to assemble.

(All available from: The Amish Farm and House, 2395 Lincoln Highway East, Lancaster, Pennsylvania 17602).

### Newspapers

#### The Budget

A weekly newspaper written by Amish and Mennonite correspondents from the United States, Canada, and South America. Printed in Sugar Creek, Ohio. Honey, folksy, local news and ads. (39¢, the Amish Farm and House, 2395 Lincoln Highway East, Lancaster, Pennsylvania 17602).

#### Family Life

A monthly newspaper published by the Amish. (25¢, Pathway Publishers, Aylmer, Ontario, Canada).

## Periodicals

Fields, Howard. "Pennsylvania's 'Plain People,' In Pursuit of Austerity."

The Washington Post - STYLE - D6, Sunday, July 3, 1977.

A weekend traveler's visit to Lancaster County, Pennsylvania.

Gehman, Richard. "Amish Folk." National Geographic, Vol. 128, No. 2, August, 1965.

An article about the customs and traditions that shape the Amish life. Includes photographs by William Albert Allard.

Zielinski, John. "The Amish, Pioneers of Today." Junior Scholastic, Vol. 79, No. 18.

March 24, 1977.

An in-depth feature on Amish lifestyles.

(Teacher's Edition, 70¢; Student Edition, 35¢ - Junior Scholastic, 902 Sylvan Avenue, Englewood Cliffs, New Jersey 07632)

## Postcards

Assorted views of Amish people and countryside. (10 for 49¢, the Amish Farm and House, 2395 Lincoln Highway East, Lancaster, Pennsylvania 17602)

## Slides

### Amish Life.

An assortment of color slides of Amish people, homes, buggies, barns. (10¢, \$1.70, 50¢, \$8.25, Photo Arts Press, P. O. Box 1274, Lancaster, Pennsylvania 17602)

(20¢ each, 10¢, \$1.70, The Amish Farm and House, 2395 Lincoln Highway East, Lancaster, Pennsylvania 17602)

## Study Prints

Taylor, Florence. Amish Portfolio Study Prints. WITF-TV, 1967. \$2.00.

Grades K-6

Based on an exhibit "Fence Around the Amish", this portfolio includes 12 plates that feature Amish children and adults.

## Films and Filmstrips

The Amish: A People of Preservation. Encyclopedia Britannica, 1976. Color. 28 min. (MCPS) F7128.

This documentary captures the sensitivity and humility of the Amish people. Filmed in Lancaster County, Pennsylvania.

The Amish: A Pioneer Heritage. Perfection Form Company. Fs w/cassette, Batab No. 84382574X; Fs w/record, 843825731. \$22.95.

A filmstrip on the Amish culture.

Amish Life Filmstrip. Photo Arts Press, Vedo Films. (Rental - \$3.50) \$7.50.

50 color frame filmstrips.

The Candidate and The Media in the United States

Materials suggested in this section have been useful to ninth graders studying elections.

Bagdikian, Ben H. The Information Machines: Their Impact on Men and the Media. Harper and Row, 1971. \$3.95. Batab No. 007510403.

Investigates the future political and commercial uses of such communication devices as television, satellites, and computers.

Barber, James D. Choosing the President. (The American Assembly, Columbia University). Englewood Cliffs, New Jersey: Prentice-Hall, Inc., 1974. \$7.95. P. \$2.95. Batab No. 027760782.

The influence of mass media campaigns and the strategies of organizing a campaign are among the topics discussed.

Barone, Michale, Grant Ufifusa, Douglas Matthews. The Almanac of American Politics, 1974. Gambit, Boston, 1972. \$15.00. P. \$6.95. Batab No. 011620986.

Gives a detailed description of each congressional district in U.S. Gives political background, census data, share of federal outlays, economic base, the voters, and information on the representative.

Block, Herbert. Herblock's State of the Union. New York: Simon and Schuster, 1972. \$2.95. Batab No. 014754908.

Includes 12 essays on activities of the men and institutions of the government accompanied by the author's cartoons reflecting his views of the situations. One essay, "Campaign Flight," deals with election issues.

Bradley, Duane. Electing a President... Princeton, New Jersey: D. Van Nostrand Company, Inc., 1963. Batab No. 003171310.

The story of our political parties and processes - from the handhewn government of our early settlements to today's boisterous but carefully planned nominating conventions, opinion polls, television debates, and computer predictions.

Bradley, Duane. The Newspaper: Its Place in a Democracy. Princeton, New Jersey: D. Van Nostrand Company, Inc., 1965. \$4.95. Batab No. 003285839.

Basic responsibilities of the newspaper to its public and various ways in which news can be slanted and misleading are discussed.

Brooks, Charles. Best Editorial Cartoons of the Year: 1974 Edition. Gretna, Louisiana: Pelican Publishing Company, 1974. \$9.95. Batab No. 882890271.

Statements on personalities and issues are depicted in pictorial form.

Brown, Les. Television: The Business Behind the Box. New York: Harcourt Brace Jovanovich, Inc. 1971. \$3.75. Batab No. 151884501.

Includes a discussion on political reporting and how networks can influence, or be influenced by political figures.

Crouse, Timothy. The Boys on the Bus. Random House, Inc., 1974. \$7.95. Batab No. 025960709.

Davies, Wallace E. The New Deal: Interpretations. New York: Macmillan Company, 1964.

Mentions use of "fireside chats" and relationship of F.D.R. with the press and importance of his personality compared to Hoover's.

Emery, Edwin, et al. Introduction to Mass Communications. 2nd edition. New York: Dodd Mead and Company, Inc., 1965. Batab No. 004476808.

Includes criticism of the mass media and detailed examination of development of the 1960's in newspapers, television and radio, magazines, and advertising.

Fixx, James F., ed. The Mass Media and Politics. (The great contemporary issues) New York: The New York Times, Arno Press, 1972. \$35.00. Batab No. 405012918.

Shows the evolution and significance of mass media through a substantial selection of contemporary accounts from The New York Times. An excellent primary source.

Head, Sydney W. Broadcasting in America: A Survey of Television and Radio, 2nd ed. Boston: Houghton Mifflin Company, 1972. Batab No. 017186420.

Part IV: Social control of broadcasting and Part V: Assessment: the influence of broadcasting.

Hiebert, Ray, et al, ed. The Political Image Merchants: Strategies in the New Politics: The Campaign Workers Handbook. Acropolis, 1971. \$7.95.

Examines the value, significance, and successes of the new political techniques and strategies employed by campaign managers and advertising agencies during the 1960's.

Hohenberg, John. The News Media: A Journalist Looks at His Profession. New York: Holt, Rinehart, and Winston, Inc., 1968. \$6.95. Batab No. 002981742.

A personal and subjective judgment by a Journalist of the activities of some of his peers.

Kaid, Lynda Lee, et al. Political Campaign Communication: A Bibliography and Guide to the Literature. Scarecrow, 1974. \$6.50. Batab No. 027873803.

Guide to books and media, etc., which analyze or expose the role of communication processes in American Campaign from 1950-1972.

Leuchtenburg, William E. Franklin D. Roosevelt and the New Deal; 1932-1940. New York: Harper and Row, Publishers, 1963. \$10.00. Batab No. 003017397.

Mentions use of radio for "fireside chats" and relationship of FDR with newspapers.

MacNeil, Robert. People Machine: The Influence of Television on American Politics. New York: Harper and Row Publishers, 1968. \$9.95.

Describes campaigns by the Kennedys, Nixon, Rockefeller, Reagan, and others to show how TV is a major means of "selling" politicians to voters. Sets forth not only the dangers but also the positive achievements and new opportunities resulting from TV involvement.

Mayer, Martin. About Television. New York: Harper and Row Publishers, 1972. \$10.00. Batab No. 018265286.

Chapter 9, "Right Before Your Eyes: The Political Nexus" discusses the "staging" of a political convention.

Mehlinger, Howard D., et al. American Political Behavior. Lexington, Massachusetts, Ginn and Company, 1974. Batab No. 027750396.

Textbook. Chapter 20 deals with representatives of the mass media as "unofficial political specialists."

Mickelson, Sig. The Electric Mirror; Politics in an Age of Television. New York: Dodd, Mead and Company, 1972. \$8.95. Batab No. 396063632

Examines image building by candidates, changes in campaign and convention procedures since television, how news film footage is compiled and selected for broadcast.

Minow, Newton N., et al. Presidential Television. New York: Basic Books, 1973. \$10.95. Batab No. 022532927.

Studies the impact and implications of television by presidents from Roosevelt to Nixon.

Mitchell, Malcolm G. Propaganda, Polls, and Public Opinion: Are the People Manipulated? (Inquiry into Crucial American Problems Series) Englewood Cliffs, New Jersey: Prentice-Hall, Inc., 1970. \$7.56; P. \$3.20.

A collection of readings whose purpose is to present a number of divergent viewpoints from a wide variety of different kinds of sources. Includes discussion of use of advertising agencies which specialize in political management; "how pollsters make or break candidates," the influence of television.

Packard, Vance. The Hidden Persuaders. New York: David McKay Company, Inc., 1957. \$10.95. Batab No. 004314379.

Chapter 17, "Politics and the Image Builders," discusses the role of the professional public relations persons in the 1956 presidential campaign, and the ways in which they employed the media.

Phyllis, Kevin P. Mediacracy: American Parties and Politics in the Communications Age. New York: Doubleday, 1975. \$8.95. Batab No. 033972702.

The study of our political system as it is being daily affected by changes in communication technology.

Ruchlis, Hy. Clear Thinking. New York: Harper and Row, 1962. \$6.89. Batab No. 543441520.

Chapter 8, "Molding Opinions," presents a case study which compares to newspapers in order to examine techniques used to help mold public opinion. Gives good definitions and examples of propaganda techniques.

Schlesinger, Arthur M., Jr. The Coming of the New Deal (The Age of Roosevelt). Boston: Houghton Mifflin Company, 1958. Batab No. 004994590.

Chapter 34, "The Anatomy of Leadership" discussed F.D.R.'s use of radio and the press and the speech writing process.

Shapiro, Andrew O. Media Access: Your Rights to Express Your Views on Radio and Television. Boston: Little, Brown, and Company, 1976. \$12.50. Batab No. 037537792.

Presents technical rules in layman's language. Discusses political broadcasts, equal time for political candidates, and political editorials.

Sherwood, Hugh C. The Journalistic Interview. New York: Harper and Row, Publishers, 1969. \$8.95. Batab No. 005961556.

A simple and concise book on organizing and conducting an interview. Anecdotal examples support the author's points.

Stein, Robert. Media Power: Who is Shaping Your Picture of the World? Boston: Houghton Mifflin, 1972. \$8.95. Batab No. 500005443.

The author discusses the power, problems, and practices of the news media based on his 25 years in journalism.

Steinberg, Charles S. The Communicative Arts: An Introduction to Mass Media. New York: Hastings House Publishers, 1970. \$10.00; pb \$6.00. Batab No. 515969192.

Separate chapters focus on the book, newspaper, magazine, cartoon, radio, television, advertising and public relations. Discusses the medium's history, function, achievements, problems, and potential for both good and ill. Includes regulatory codes for each.

Tebbel, John W. The Media in America. New York: Thomas Y. Crowell, 1974. \$2.50. Batab No. 028710517.



Surveys the evolution and interrelationships of the media in the U.S. since 1628, in relation to...and political events, and assesses the media's role in and impact on those events.

Wood, James P. The Great Glut: Public Communication in the United States.  
Tennessee: Thomas Nelson, Inc., 1973. Batab No. 019468628.

### Periodicals

"Agnew Demands Equal Time." Time, November 21, 1969, pp. 18.

"Agnew's Complaint: The Trouble with T.V." Newsweek, November 24, 1969, pp. 18.

"Are the Media Ready for the Seventies?" Columbia Journalism Review, Winter 1969-1970, entire issue.

"Campaigns and the New Technology." Science News, September 12, 1970, pp. 229-230.

"Electronic Politics: The Image Game." Time, September 21, 1970, pp. 43-52.

"'Free and Equal' - Political Struggle for T.V. Time, U.S." U.S. News and World Report, July 27, 1970, pp. 56.

Gans, Herbert J. "How Well Does T.V. Present the News?" New York Times Magazine, January 11, 1970, pp. 30.

"Going for the Jugular." Newsweek, September 28, 1970, pp. 55.

Griffith, Thomas. "From Unknown to what's he really like?" Time, March 8, 1976, pp. 62-63.

Halberstam, David. "CBS: The Power and the Profits." Atlantic, January, 1976, pp. 33-71; February, 1976, pp. 52-91.

Halberstam, David. "David and Goliath." Time, September 22, 1975, pp. 44.

Hohenberg, John. "The Free Press is On Trial." Saturday Review, March 14, 1970.

"How Influential is T.V. News?" Columbia Journalism Review, Summer, 1970, pp. 19.

"Out, Damned Spot." Time, April 24, 1972, pp. 13-14.

"The People and the Press." Newsweek, November 9, 1970, pp. 22.

"Punctured Image." Newsweek, November 16, 1970, pp. 77-78.

"The Role of the Mass Media." Current, January, 1970, pp. 41.

"T.V. in Election Campaigns - A Call for Changes." U.S. News and World Report, November 27, 1972, pp. 84-85.

"The Selling of the Candidate 1970." Newsweek, October 19, 1970, pp. 34-42.

"When the President Meets the Press." Atlantic, August 1970, pp. 65.

Zalaznick, Sheldon. "The Rich, Risky Business of T.V. News." Fortune, May 1969, pp. 92.

The Election Process. Santa Anna, California: Doubleday Multimedia, 1974.

6 sound filmstrips. "Where the Cheering Stops" discusses campaigning and image making as modern political techniques. "My Friends and Fellow Citizens" stresses appeals, past and present, used to gain the support of voter. Campaign methods are also related. "Prime Time in the Old Town Tonight" tells about the nominating process and the impact of the media on the candidate's image.

Mass Media: Impact on a Nation. Pleasantville, New York: Guidance Associates, 1971.

2 sound filmstrips. Part I: Power and Functions. Part II: Responsibilities and restraints. Explores the functions of the mass media and the debates which have arisen from various evaluations of the media's success in performing these functions.

Mass Media: Their Role in a Democracy. New York: The New York Times Co., 1971.

Filmstrip with record. Divided into four parts. Part I: Informing the People. Changing role of the media statistics on circulation of newspapers, T.V. stations, etc. Part II: The Role of Newspapers. Part III: Electronic Foundation. General view of T.V., small part devoted to politics. Part IV: The Press in a Free Society. The kit itself is very elementary in its presentation; however, it could be used as a good introduction. Lends itself to a good discussion on the responsibility of the media. Presents both sides. Quotes from Spiro Agnew and from Walter Cronkite leaving the question open as to whether newspapers and T.V. give adequate and sufficient information. Good comparison of newspapers and T.V.

Muckraking. Pleasantville, New York: Educational Audio Visual Inc., 1974.

2 sound filmstrips. Part I concentrates on the turn-of-the-century muckrakers showing the effects they had on their time. Part II looks on muckraking today, examining the roles of the press and television in bringing to the public facts about corruption in the nation's social, economic, and political life.

What's Going on Here? St. Paul, Minnesota: Educational Materials Center Corporation, 1972.

5 filmstrips with records or cassettes. Unit 1 - Media and its impact. Unit 2 - Free or otherwise? Unit 3 - Semantics: the nuts and bolts of persuasion. Unit 4 - Packaging the message. Unit 5 - The "You" factor - A structured study unit on mass communications and propaganda persuasion. Main emphasis is on student involvement and discovery opportunities.

F5179. Campaign: American Style. Bailey, 1968. Color 39 min.

F5529. The Election: How the Votes Are Packaged. Film Inc., 1970. Color 17 min.

F5561. The Making of a President, 1968. Films Inc., 1969. Color 83 min.

F6127. Politics in the Television Age, 1960. Films Inc., 1972. Color 20 min.

## Contemporary Issues

Those materials identified in this listing have been suggested for use with gifted and talented senior high school students studying contemporary issues.

The Americana Annual. New York: Grolier Inc.

Issued annually. An encyclopedia of events for the preceding year. Prior to 1974, published by the Americana Corporation.

Bagdikian, Ben H. The Information Machines: Their Impact on Men and the Media. New York: Harper and Row, 1971. \$10.00. Batab No. 007510403.

Investigates the future political and commercial uses of such communication devices as television, satellites, and computers.

Barone, Michale; Ufifuša, Grant; Matthews, Douglas. The Almanac of American Politics. Boston: Gambit, 1974. \$15.95. Batab No. 011620986.

Gives a detailed description of each congressional district in U.S. Gives political background, census data, share of federal outlays, economic base, the voters, and information on the representative.

Bay, Stuart, and Thorn, William. Visual Persuasion. New York: Harcourt Brace Jovanovich, Inc., 1975. \$1.60. Textbook No. 2740448.

A handbook on visual communication making extensive use of graphics and illustrations to teach careful and thorough visual observation.

Bernstein, Carl, and Woodward, Bob. All the President's Men. New York: Warner Books, 1974. \$8.95. Batab No. 025287508.

The story of the involvement of the two Washington Post reporters in the investigation of Watergate.

Biography Index: A Cumulative Index to Biographical Material in Books and Magazines. New York: The H.W. Wilson Company.

Published every three years since 1950. An alphabetical index to biographical material published in books as well as over 500 periodicals.

Britannica Book of the Year. Chicago: Encyclopedia Britannica, Inc.. Batab No. 515983330.

Published annually. An encyclopedia of events of the preceding year.

Cirino, Robert. Don't Blame the People. New York: Vintage Books, 1971. \$2.45. Batab No. 394717880.

A critique of the use of bias, distortion and censorship by the news media to manipulate public opinion.

Commission on Population Growth and the American Future. Population and the American Future. Washington D.C.: United States Government Printing Office, 1972. \$1.78. Textbook No. 2740520. Batab No. 542816261.

Includes data, projections, and proposals on population growth and distribution, the economy, resources and environment.

Congressional Digest. Washington, D.C.: Congressional Digest Corp. \$18.00  
Batab No. 642813973.

A monthly publication dealing with controversies and issues in Congress.

Congressional Quarterly Weekly Report. Washington, D.C.: Congressional Quarterly, Inc.

A weekly summary of the activities and actions of Congress.

Daniels, George M., ed. Drums of War. New York: The Third Press, 1974. \$10.00  
Batab No. 893881260.

Collection of articles tracing the history of Rhodesia from pre-colonial times to the present-day government of Ian Smith.

Dean, Frances C., compiler. Sexism: Consciousness-Raising. Rockville, Maryland: Division of Evaluation and Selection, Montgomery County Public Schools, 1974.

Excellent for language of sexism, examples of consciousness-raising activities and a criteria for the selection of non-sexist media.

Department of State. Background Notes. Washington, D.C.: United States Government Printing Office.

A series of notes on selected nations of the world. Notes on each nation include information of the people, history, government, and politics, economy, foreign relations, U.S. policy, and a selected bibliography. Notes on each nation are ordered separately.

Emery, Ray, et al, eds. Introduction to Mass Communications. 2nd ed. New York: Dodd Mead and Company, Inc., 1965. Batab No. 004476808.

Includes criticism of the mass media and detailed examination of the developments of the 1960's in newspapers, television and radio, magazines, advertising.

Encyclopedia Yearbook. New York: Grolier Incorporated.

Published annually. An encyclopedia of events for the preceding year.

Foreign Affairs. New York: Council on Foreign Relations, Inc. \$11.50. Batab No. 643484116.

Published quarterly. Articles review contemporary situations and issues in foreign relations.

Hiebert, Ray, et al, eds. The Political Image Merchants: Strategies in the New Politics: The Campaign Workers Handbook. New York: Adropolis, 1971. \$7.95.  
Batab No. 874911435.

Examines the value, significance, and successes of the new political techniques and strategies employed by campaign managers and advertising agencies during the 1960's.

Isenberg, Irwin, ed. The Developing Nations: Poverty and Progress. The Reference Shelf, Vol. 41, No. 1. New York: The H.W. Wilson Co., 1969. \$5.25. Batab No. 005536448.

Collection of articles, excerpts and addresses on the problems and issues of nation-building and development in underdeveloped nations.

Johnson, Donald Bruce, and Porter, Kirk H., compilers. National Party Platforms, 1840-1972. Urbana: University of Illinois Press, 1973. \$20.00. Batab No. 022376836.

Primary source documents. Includes the platforms of the two major parties in each election as well as third and minor parties.

Kahn, E.J., Jr. The American People; The Findings of the 1970 Census. New York: Waybright and Tally, 1974. \$9.95. Batab No. 023704683.

An analysis of the 1970 census in terms of ethnic relationships, social mobility, internal migration, changes in relative income levels, and the population explosion.

McGraw-Hill Encyclopedia of World Biography, 12 vols.. New York: McGraw-Hill Book Company, 1973. Batab No. 025561162.

Alphabetically organized encyclopedia of biographic sketches.

MacNeil, Robert. People Machine: The Influence of Television on American Politics. New York: Harper and Row Publishers, 1968. \$9.95. Batab No. 060127473.

Describes campaigns by the Kennedys, Nixon, Rockefeller, Reagan, and others to show how TV is a major means of "selling" politicians to voters. Sets forth not only the dangers but also the positive achievements and the new opportunities resulting from TV involvement.

Mitchell, Malcolm G. Propaganda, Polls, and Public Opinion. (Inquiry into Crucial American Problems, ed. Jack R. Fraenkel.) Englewood Cliffs, New Jersey: Prentice-Hall, Inc., 1970. \$7.56.

Readings on the forms, uses, and effects of propaganda in American society.

Morris, Richard B., ed. Encyclopedia of American History. New York: Harper and Row, Publishers, 1976. \$25.00. Batab No. 002987864.

Reference book for the chronology of American history - presents facts of history and government; statistics; updated supplement deals with the 1960's.

Nelson, Harold D., et al. Area Handbook for Southern Rhodesia. Washington, D.C.: United States Government Printing Office, 1975.

One of the series of handbooks prepared by Foreign Area Studies of the American University containing a compilation of historical, geographic, social, economic, political, and military data.

Newsweek. Livingston, New Jersey: Newsweek, Inc. \$26.00. Batab No. 643485228.

The well-known weekly news magazine.

New York Times (Microfilm).

An excellent primary resource. Many public and university libraries have the complete New York Times on microfilm. To identify specific articles students should use the New York Times Index.

New York Times Index. New York: The New York Times Co. Batab No. 884550281.

Published annually. An index to the New York Times microfilm collection. Some county libraries have the complete microfilm collection of the New York Times from September 1851.

Oppenheim, Abraham N. Questionnaire Design and Attitude Measurement. Basic Topics in Sociological Methods Series. New York: 1966. \$8.95. Batab No. 500003815.

Basic book for devising questionnaires and evaluating the results.

Packard, Vance. The Hidden Persuaders. New York: Pocket Books, 1957. \$10.95. Batab No. 004314379.

A study of the use of persuasion, influence, manipulation in the formation of consumer practices and our behaviors and opinions as citizens. The section "Persuading Us as Consumers" is particularly related to the activity in which this source is cited. \$10.95. Batab No. 004314379.

Phyllis, Kevin P. Mediacracy: American Parties and Politics in the Communications Age. New York: Doubleday, 1975. \$8.95. Batab No. 033972702.

The study of our political system as it is being daily affected by changes in communication technology.

Readers' Guide to Periodical Literature. New York: The H.W. Wilson Company.

Published annually in hardbound. A paperback abridged quarterly is also published. An author and subject index to articles published in over 150 periodicals.

Rivers, William L., et al. Responsibility in Mass Communication, rev. ed. New York: Harper and Row, Publishers, 1969. Batab No. 060358513.

Discusses the relationship between the mass media and the public. Covers the influence on culture, society, people. Includes the codes of ethics and practices of the journalism, television, radio, motion picture and public relations industries.

Roseboom, Eugene H. A History of Presidential Elections, from George Washington to Richard M. Nixon. New York: The Macmillan Co., 1970. \$10.00. Batab No. 002514052.

A chronological history of presidential elections stressing the major issues in each election.



Ruchis, Hy. Clear Thinking. New York: Harper and Row, Publishers, 1962. \$6.89.  
Batab No. 543441520.

Examines techniques used to help mold public opinion. Gives good definitions and examples of propaganda techniques.

Schlesinger, Arthur M., Jr., ed. History of American Presidential Elections, 1789-1968, 4 vols. New York: McGraw Hill Book Co., 1971. \$150.00. Batab No. 070797862.

A concise documentary history of American presidential elections including newspaper articles and editorials, speeches, committee reports, campaign literature, platforms, and election results.

Schlesinger, Arthur M. History of United States Political Parties, 4 vols. New York: Chelsea House Publishing, 1973. \$137.50. Batab No. 835205940.

Contains extensive data on the history and development of the two major parties as well as third parties.

Sherwood, Hugh C. The Journalistic Interview. New York: Harper and Row, Publishers, 1969. \$8.95. Batab No. 005961446.

A simple and concise book on organizing and conducting an interview. Anecdotal examples support the author's points.

Swearer, Donald K., ed. The Third World. West Haven, Connecticut: Pendulum Press, Inc., 1973. \$1.95 each volume. Batab No. 88301064X.

A set of six paperback books on the following third world areas: Africa, East Asia, Latin America, Middle East, South Asia, Southeastern Asia. Each book is written by a noted scholar and presents general background information as well as contemporary data.

Time. New York: Time, Inc. \$26.00. Batab No. 643486291.

The well-known weekly news magazine.

U.S. News & World Report. Washington, D.C.: U.S. News and World Report, Inc. \$17.00. Batab No. 643486380.

The weekly news magazine of national and international affairs.

The Washington Post. Washington, D.C.: Washington Post Company.

Daily, morning newspaper.

Woodward, Bob, and Bernstein, Carl. The Final Days. New York: Simon and Schuster, 1976. \$11.95. Batab No. 037221477.

A chronicle of President Nixon's last days in office by the two Washington Post reporters who uncovered and investigated the Watergate affair.

Wyckoff, Gene. The Image Candidates: American Politics in the Age of Television. New York: The Macmillan Co., 1968.



Account of firsthand experiences in the art of modern television campaigning  
and an analysis of what has become a determining factor in electing a political  
candidate today - his television image.

Admiral & Beyond

general

Activities for Motivating and Teaching Bright Children, by Rosalind Minor Ashley. Parker Publishing Co., 1973. (Book) \$9.95. Batab No. 022958975.

Grades - Professional for use with grades K-8.  
Activities are categorized by subject areas.

Activity Mind Set Guide, by Gene Gallati. Disseminators of Knowledge. (Book) \$1.00.

Grades - Professional for use with grades K-12.  
Part one is a self-evaluative inventory. Part two gives Blooms taxonomy for writing performance activities.

The Aha Box, by Martin Gardiner. W.H. Freeman. (Kit) \$135.00. Batab No. 849504198.

Grades K-12.

The AHA! Box contains six filmstrips, and their accompanying tape cassettes: Combinatorial Aha!, Geometry Aha!, Logic Aha!, Procedural Aha!, Number Aha!, and Word Aha!. The box also brings you a copy of Martin Gardiner's latest book: Aha! Insight.

The Ballad of Lucy Lum, by Don Mitchell and Joe Wayman. Good Apple, 1977. (Activity Book and Record) Book - \$5.50; Record - \$5.95. Batab No. 849475015.

Grades K-8.

Twelve original songs and thirty-seven reproducible activity pages are designed to be used in creative writing, drama, role-playing, art, research, and reading. Curiosity, originality, and risk-taking are encouraged.

Basic Thinking Skills, by Anita Harnadek. Midwest Publications Co., 1977. (11 Workbooks, \$2.75 each; 11 Ditto Master sets - \$8.95 each)

Grades 3-10.

Eleven booklets or duplicating masters contain approximately thirty activities each which are designed to sharpen thinking skills. Individual titles include: Analogies A; Analogies B; Analogies C; Analogies D; Antonyms and Synonyms; Antonyms, Synonyms, Similarities, and Differences; Conservation Paths and Miscellaneous; Miscellaneous including Transitivity and Same Person or Not?; Patterns; Think About It; What Would You Do? and True to Life or Fantasy?.

The Big Book of Independent Study, by Sandra Nina Kaplan, Sheila K. Madsen, and Bette Taylor Gould. Goodyear, 1976. (Activity Book - 12" x 18") \$15.95. Batab No. 544485629.

Grades K-12.

This book of ready-to-use games and activities are designed to introduce and reinforce research skills. Many of the activities are useful for individual and small group work. Individual topics include: Selecting and Defining a Topic: Topic Cards, Sorting Topics Worksheet, Look Them Up Worksheet, Storing Ideas Worksheet, Wanted: Topics to Study Worksheet, Question Computer with Record Sheet. Collecting and Organizing Information: Resource Equations, Travel the Observation Information Road Worksheet, Writing a Letter Worksheet, Using the Telephone Directory Worksheet, Conducting an Interview Checklist, Information Templates, Research Department with Record Sheet, Research Diploma, Atlas Research Trip Worksheet, Search-Compare-Share Worksheet, Information Designs. Sharing, Extending & Record Keeping: Product Cards, Creative

Independent Study Worksheets (Extension Study, Buddy Study, At Home Study, Silly Study), Record-Keeping Worksheets (Study Profile, Independent Study Contract, Independent Study Record Sheet, Flow Chart).

The Book of Think, Or How to Solve Problems Twice Your Size, by Marilyn Burns. Little, Brown & Co., 1976. (Book) \$4.95. Batah No. 543579654.

Grades 4-12.

The book provides brainteasers, projects, and other activities to aid problem solving.

Booster Box, by Dr. William O. Ureneck. Disseminators of Knowledge. (Kits - Primary (K-3) - \$2.95; Intermediate (4-6) - \$2.95; Secondary (7-12) - \$2.95.)

Each box includes twenty-four experience cards for creative thinking.

Brain Boosters, by Joan Germann. Frank Schaffer, 1974. (Activity Cards - 5" x 8") \$4.95. Batab No. 843520841.

Grades 3-5 (4-8).

A collection of quizzes, puzzles, and teasers stresses creative thinking, math operations, visual discrimination, categorization, sequence and analogies.

Brain Drain - Book A, by Ernest R. Ranucci and Wilma E. Rollins. Creative Teaching Associates. (Book with sixty lessons including sequenced pictured events.) Cat. No. 4301. \$4.50.

Grades 6-12.

This book provides stimulating experiences in logical thinking and problem solving by providing sequenced pictured events, codes, optical illusions, and other problems.

Brain Stretchers, Book I, by Carolyn Anderson and Jackie Haller. Midwest Publications, 1975. (Workbook) \$6.95.

Grades 3-10.

One hundred and eighty-four puzzles require students to examine number patterns and operations.

Brain Stretchers, Book II, by Carolyn Anderson and Jackie Haller. Midwest Publications Co., 1977. (Workbook) \$4.95.

Grades 3-10.

Ninety puzzles requiring little or no reading involve critical thinking skills with number patterns and number relationships.

Bright Ideas; Complete Enrichment Units from a Gifted Resource Room. Creative Teaching Press. (Activity Book - CTP160) \$6.95.

Grades 4-8.

Reproducible activity sheets make this an easy to use resource in subjects such as weaving, poetry and classroom publishing, making machines, photography, geometric line designs, the physiology of exercise, and law.

Bulletin Board Ideas (Book I and Book II), by Betty Jenkins. Good Apple, 1977.

(Books and ditto masters) \$5.95 each.

Grades K-3.

Each book contains the designs for twenty bulletin boards with two worksheets for each board. The contents include math, pre-reading, reading, language arts, and vocabulary skills.

The Canterbury Puzzles, by Henry E. Dudeney. Distributed by Creative Publications.

(Book) Cat. No. 20551. \$3.25.

Grades 6-12.

Puzzles are arranged in a series of stories and present problems at varying levels of difficulty.

Cap Cards, by Judith Wooster. Disseminators of Knowledge. (Activity Cards)

\$2.00.

Grades 4-12.

Twenty-four cards contain idea stimulators and motivators.

Career Opportunity Boxes. Houghton Mifflin. (Activity Card Kits)

Subject: English/Object: Career Opportunities	040-3	\$48.00
Subject: Social Studies/Object: Career Opportunities	045-4	48.00
Subject: Mathematics/Object: Career Opportunities	050-0	48.00
Subject: Foreign Languages/Object: Career Opportunities	055-1	48.00
Subject: Science/Object: Career Opportunities	060-8	48.00
Subject: Business/Object: Career Opportunities	080-2	48.00
Subject: Business/Object: Career Opportunities	085-3	48.00
Subject: Fine Arts/Object: Career Opportunities	075-6	48.00
Demonstration Kit	070-5	1.20

Grades 7-12.

Boxes include career information such as the nature of the work, duties and responsibilities, work conditions, educational and personal qualifications, earnings, outlook, related careers, and sources of additional information.

Careers: A Supplemental Reading Program, by D. Geis and R. Miles. Harcourt Brace Jovanovich, Inc., 1978. (Reading Program - each level \$96.00)

Level A - Grade 4, #336625-7 - Batab No. 843846968; Level B - Grade 5, #336633-8 - Batab No. 843823976; Level C - Grade 6, #336641-9 - Batab No. 844549851; Level D - Grade 7-9, #336616-8).

This is a career education and supplemental reading program based on 128 career fields with emphasis on both understanding the attitudes and abilities basic to each career and on developing reading skills.

The Cemetery Box, by Joe Wayman and Don Mitchell. Good Apple, 1977. (Kit including 85 activity cards, 10 teacher guide cards, cemetery plot fold-out (16" x 20"), and record.) \$9.95. Batab No. 84947504X.

Grades 3-8.

Using students' natural interest in ghosts, ghouls, etc., the activities provide unique activities in language arts, math, art, and social studies.

Center Stuff for Nooks, Crannies, and Corners, by Imogene Forte, Mary Ann Pangle,

Robbie Tupa. Incentive Publications, 1973. (Book) \$9.95. Batab No. 16072.

Grades - Professional for use with grades K-8.

This provides a resourceful, goal-centered approach to individualizing classroom instruction that fosters a child's sense of independence and personal success plus assuring the achievement of basic learning skills.

Change for Children: Ideas and Activities for Individualizing Learning, by Sandra Nina Kaplan, Jo Ann Kaplan, Sheila Madsen and Bette K. Taylor. Goodyear, 1973. (Book) \$8.95. Batab No. 876209451.

Grades - Professional for use with grades K-8.

This excellent resource includes ideas for organizing, planning, and implementing centers. Ready-to-use centers (Alphabetizing; Animal Stories; Architecture; Art Appreciation; Cooking; Discovering a Neighborhood; Fairy Tales; Graphing; Handwriting; Maps; Measurement; Mechanical Exploration; Mystery Stories; "Now" Music; "Nyms"-Synonyms, Antonyms, Homonyms; Science Fiction; Sequence; Sets; Sports; Tall Tales; Television) are supplied along with tear-out work sheets.

Classroom Cue Cards for Cultivating Multiple Talent, by Robert F. Eberle. Disseminators of Knowledge. (Activity Cards) \$1.95.

Grades K-12.

Cue cards include Academic-Learning, Communication, Planning-Organizing, Forecasting-Predicting, Creativity-Productivity, and Decision Making. Cards assist in preparing questions and activities.

Classroom Ideas for Encouraging Thinking and Feeling, by Frank E. Williams. Disseminators of Knowledge, 1970. (Book) \$7.50. Batab No. 549455787.

Grades - Professional for use with grades K-12.

Classroom ideas encourage thinking and feeling processes through subject context using multi-teaching strategies.

Clear Thinking: How to Improve Your Reasoning Skills. The Center for Humanities. (Multi-media kit including 160 slides in 2 Carousel cartridges, 2 tape cassettes, 2 Lp Records, Teacher's Guide) Cat. No. 0620-1200. \$139.50. Batab No. 843471530.

Grades 7-12.

The basic steps of the process called inference are delineated. Students learn to define the problem, pose the hypothesis, and test the hypothesis. Problems in thinking clearly, such as begging the question, faulty comparisons, faulty syllogisms, and misunderstanding cause-and-effect relationships are shown.

Concise Guide to Library Research, revised 2nd edition, by Grant Morse. Fleet Academic, 1975. (Book) \$12.50. Batab No. 003195381.

Grades 9-12.

Helpful information is provided for students doing in-depth library research.

Create. Educational Service, Inc. (Book) \$5.25. Batab No. 543540022.

Grades - Professional for use with grades K-8.

Special materials, procedures, and illustrations describe possible activities for students.

Creative Analysis, by R. Samson and A. Upton. Dulton and Co., 1963. (Book)  
\$5.75. Batab No. 549448862. 7

Grades 7-12.

This book includes a series of graded tests and exercises designed to improve the use of words as tools of thought. It is a language approach to problem solving.

Creative Expression: Lower Primary. Milliken. (Ditto masters (28) - \$3.75; 12 transparencies - \$7.95)

Grades K-3.

The duplicating masters are designed to stimulate students toward creative communication. The student is led from creative thinking to creative discussion and, finally, to creative writing.

Creative Learning Centers, Intermediate. Creative Teaching Press. (Activity Cards - CTP-701) \$5.95. Batab No. 849479010.

Grades 3-6.

These stand up cards provide topics in all subject areas which require problem solving.

Creative Learning Centers, Primary. Creative Teaching Press. (Activity Cards - CTP-702) \$5.95. Batab No. 849474965.

Grades K-3.

Stand up activity cards and manipulatives give students problem solving practice in a variety of subjects.

Creative Writing: Upper Intermediate, by Lawrence L. Thomas. Milliken. (Ditto Masters (28) - \$3.75; 12 transparencies - \$7.95)

Grades 4-8.

Twenty-eight duplicating masters provide open-ended exercises which will definitely stretch the imagination.

Creativity: Unlocking Human Potential, by Dr. Sidney Parnes. Disseminators of Knowledge. (Book) \$1.25. Batab No. 544569026.

Grades - Professional for use with grades K-12.

This book investigates both problem-finding and problem-solving.

Critical Thinking, Book I, by Anita Harnadek. Midwest Publication. (Book) \$7.95. Batab No. 544569024.

Grades 5-12.

This non-graded book focuses on the reasoning processes. Specific sections within the book include critical thinking, logic, basic concepts for critical thinking, common errors in reasoning, propaganda techniques, advertising and schemes, examining arguments and value judgments, and learning to be open minded.

Deductive Thinking Skills (Mind Benders), by Anita Harnadek. Midwest Publications Co. (Workbook Series: Mind Benders - Instructions (how to use charts for easier solutions) - \$2.95; Mind Benders A-1 (easy) book form - \$2.95, dittomasters - \$8.95; Mind Benders A-2 (easy) book form - \$2.95, dittomasters - \$8.95; Mind Benders B-1 (medium) book form \$2.95, dittomasters - \$8.95; Mind Benders B-2



(medium book form - \$2.95, dittomasters - \$8.95; Mind Benders C-1 (hard) book form - \$2.95, dittomasters - \$8.95; Mind Benders C-2 (hard) book form - \$2.95, dittomasters - \$8.95.)

Grades 3-10.

This series of booklets provide specific problems requiring deductive reasoning. Students using the booklets receive help in organizing their sets of clues and reaching logical conclusions.

Developing Creativity in Children, by Charles Schaefer. Disseminators of Knowledge, 1973, (Book) \$4.95. Batab No. 549455914.

Grades - Professional for use with grades K-12.

This ideabook stresses that students are born with a potential for creative expression. Exercises are designed to stimulate and expand a child's imagination. Activities to stimulate scientific thinking, artistic expression, and sensory awareness are but a few of the chapters listed.

Dictionary of the History of Ideas. Scribner, 1974. (Book - 4 volumes and 1 index volume) \$180.00. Batab No. 023020814.

Grades 10-12.

This reference set provides 311 articles centered on the recurrent ideas in the development of Western thought. The interdisciplinary approach includes science, philosophy, art, and literature.

Discovering Your Library. Creative Teaching Press. (Activity Cards - CTP-143) \$6.95. Batab No. 849467403.

Grades 4-9.

The activities place the demand for knowing where to locate information on the student. The searches may be done on an individual basis or with small groups.

Discovery, by Hollis Griffin. Frank Schaffer, 1977. (Activity Cards - 5" x 8") \$4.95. Batab No. 849467446.

Grades 2-4.

A paperback with 48 cards fosters following directions, research and the pursuit of individual interests.

Do a Zoomdo, by Bernice Chesler. Little, Brown and Co., 1975. (Book) \$6.95. Batab No. 54356522X.

Grades K-6.

Over one hundred projects based on the television program have been collected. Activities are done by students. Many projects would be useful to a multi-cultural program (i.e. instructions for doing cornrow, tacos, etc.)

Effective Thinking: Ways of Problem Solving. The Center for Humanities. (Multi-media kit including 240 slides in 3 Carousel cartridges, 3 tape cassettes, 3 Lp records, Teacher's Guide) Cat. No. 0295-1200. \$179.50. Batab No. 843879734.

Grades 7-12.

Five basic steps in problem solving are provided. 1) Look at the facts; 2) State the problem clearly; 3) Brainstorm possible solutions; 4) Form an hypothesis; 5) Test the hypothesis. Exercises are given for practice.

Elaborative Thinking Set - Intermediate, by George N. Moore and G. Willard Woodruff. Curriculum Associates, Inc. (Set of 30 activity cards, 2 Response Spirit Masters, 8 Introductory Cards, Teacher's Guide) \$4.95. Cat. No. 271.

Grades 3-6.

The set focuses on unusual situations for intermediate and middle school grade students.

Elaborative Thinking Set - Primary, by George N. Moore and G. Willard Woodruff. Curriculum Associates, Inc. (Set of 30 activity cards, 2 Response Spirit Masters, 8 Introductory Cards, Teacher's Guide) \$4.95. Cat. No. 270.

Grades K-3.

The set provides situation cards ideally suited for brainstorming in primary grades.

Elementary Teacher's Complete Ideas Handbook, by Sidney W. Tiedt and Iris Tiedt. Prentice-Hall, 1965. (Book) \$8.95. Batab No. 13-2607522.

Grades - Professional for elementary grades.

Activity suggestions are organized under ten chapter headings: Organization for Learning; Improving the Reading Program; Writers at Work; Focus on Speaking and Listening; Modern Approaches to Mathematics; Exploring the Social Studies; Science and Inquiry; Creative Ways With Art; Stimulating Musical Interests; and Challenging Play Activities.

Finding Out, by Hollis Griffin. Frank Schaffer, 1975. (Activity Cards - 5" x 8") \$4.95. Batab No. 84950774X.

Grades 4-6.

Each card provides a problem which encourages individual resourcefulness and fosters thinking skills.

First Thinking Box I, by Louis E. Raths, Selma Wasserman, and Jack Wasserman. Benefic Press, 1977. (Multi-media kit including 12 Filmstrips, 6 Cassettes, 1 Teacher's Guide (Filmstrips), 240 Skill Development Cards, 60 Self-Help-Thinking Skills Cards, 30 Pupil Reference Books, 30 Pupil Activity Record Sheets, Teacher's Guide)

First Thinking Skills Development Program (includes all component parts listed) Batab No. 843467010.

030684 \$180.00

First Thinking Box Program (without filmstrips and cassettes) Batab No. 849571995.

030692 84.00

First Thinking Skills Filmstrips and Cassette Program (12 color filmstrips, 6 cassettes & Guide)

Batab No. 84950788X.

030700 102.00

First Student Reference Books

030618 .60

First Student Activity Record Sheets (set of 30)

030726 4.80

First Teacher's Guide for Thinking Box

030734 3.00

First Teacher's Guide for Filmstrips and Cassettes

030742 1.50

Grades 3-5.

Skill development cards pose problems requiring a specific thought process. On the back of each card, there are additional questions which help the student analyse the process by which he arrived at the solution. The twelve skills taught are: LEVEL I: Observing, Comparing, Classifying, Imagining; LEVEL II: Hypothesizing, Criticizing, Looking for Assumptions, Collecting and Organizing data; LEVEL III: Summarizing, Coding, Interpreting, Problem Solving.